

AIM Ann Report
1977 to 1978

AM 101
A89
NZ 6011

AUCKLAND INSTITUTE AND MUSEUM



ANNUAL REPORT 1977-78

AIM Ann Report
1977 to 1978

Front Cover: View in Hall of the Pacific

Vahry photo

*Back Cover: From the Brian Brake exhibition "Tangata": detail of a
wahaika from the Museum's collection*

Brian Brake photo

AIM Ann Report
1977 to 1978

ANNUAL REPORT
AUCKLAND INSTITUTE
AND MUSEUM
1977-78

For presentation at the Annual General
Meeting to be held on 26th June, 1978

AIM Ann Report 1977 to 1978

Staff of the Museum

Director	E. G. TURBOTT, Q.S.O., M.SC., F.M.A.N.Z.
Assistant Director, Curator of Display and of Applied Arts	T. J. BAYLISS, F.M.A.N.Z.
Ethnologist	D. R. SIMMONS, M.A.
E. Earle Vaile Archaeologist	JANET M. DAVIDSON, M.A.
Recorder (Ethnology)	NOLA V. ARTHUR, N.Z.L.A. CERT., A.N.Z.L.A., A.L.A.A.
Clerical Assistant (Ethnology)	DOROTHY McVICKER
Botanist	JEANNE H. GOULDING
Associate Botanists	PHYLLIS HYNES
Hon. Botanist	E. B. BANGERTER, F.L.S. LUCY CRANWELL SMITH, M.A., D.SC., F.L.S., F.R.S.N.Z.
Entomologist	K. A. J. WISE
Recorder (Entomology)	JANET M. GURR
Malacologist	W. O. CERNOHORSKY, F.L.S.
Hon. Research Associate in Mollusca	A. W. B. POWELL, HON. D.SC., F.R.S.N.Z., F.M.A.N.Z.
Marine Biologist	A. B. STEPHENSON, M.SC.
Associate Ornithologist	SYLVIA REED
Hon. Curator of Textiles	JUDY SMITH
Hon. Curator of Furniture	W. H. ROSS-LOWE, M.B.E.
Hon. Curator of Medals and Badges	D. A. CORBETT, A.F.R.Ae.S.
Hon. Numismatist	PERCY ROBINSON
Hon. Horologist	D. J. SMITH, M.A., PH.D.
Librarian	I. G. THWAITES, B.A., DIP.N.Z.L.S., A.N.Z.L.A.
Assistant Librarian	YOLANDA F. DRUMMOND, M.A., DIP.N.Z.L.S.
Library Assistant	G. MAITLAND, M.A.
Clerical Assistant (Library)	MARIENNE FLETCHER
Extension Service Officer	J. H. WADHAM, B.SC.
Preparator	L. J. CAPPEL, DIP. L.A.C. (AMST.)
Temporary Assistant Preparator	JOANNA F. BOILEAU, B.A.
Staff Artist	R. J. WOLFE, B.F.A.
Art Assistant	JOCELYN BERTRAND
Display Assistant	AUDREY McBIRNEY
Planetarium Operator	GARY FREETH
Education Officer	W. K. A. BERRY, B.A., B.SC., DIP.ED., ADV.DIP.TCHG.
Assistant Education Officers	B. H. CADMAN, B.A. ANNE LEAHY, M.A. (to 16 Dec- ember)
Artist-Technician (Education Section)	J. B. McCAW
Teacher Aid	PAM TOWERS
Accountant	B. S. ROBERTSON, B.COM., A.C.A., A.C.I.S.
Accounts Clerk	MERLE WILLIAMS
Clerical Assistant	KATHLEEN JARVIS
Director's Secretary	RENEE SHANNON
Secretarial Assistant	ANGELA HYATT
Receptionist-Telephonist	VERNA M. DOYLE
Cabinetmaker-Maintenance Supervisor	D. MCGILLIVRAY
Cleaners	ESTHER SMITH MAY SMITH

Museum Shop:

MYRA ALEXANDER (Manager), MIGNONNE BROWNJOHN, STRELSA
BOYCE, YVONNE DEW, ANN HANNA, GYTHA HOADLEY, LESLEY
STUART, NANDA WATSON

Coffee Lounge:

MAY EICHLER (Manager), MARY McSWEENEY (Assistant Manager),
JEAN KNOX, JAN MELLAMPY, FLORA MCGILLIVRAY, ALISON
McLAUGHLIN, ESME ULLENBERG, ELIZABETH WATENE

Attendants:

E. SOUTHWORTH (Senior), W. CALHANE, T. COKER, B. FLETCHER,
E. J. JOHNSON, J. E. MILLS, S. PLUMPTON, L. S. RAMON, W.
SMITH, A. SPROSON, S. S. SWANBERG, J. P. WALDEN, A. E.
YARROW

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
1977-78

President:

DR J. D. ATKINSON, O.B.E., M.AGR.SC., D.SC., F.R.S.N.Z.

Vice-Presidents:

DR H. C. HOLLAND, O.B.E., F.R.I.C., LIEUTENANT-COLONEL A. R. HUGHES, MR G. W. FRATER

Council:

DR P. J. BROOK, M.SC., PH.D.
MR S. G. BROOKER, M.SC.
PROFESSOR R. N. H. BULMER,
M.A., PH.D.
MR H. V. COOP, F.R.C.S.
MR R. H. L. FERGUSON,
F.R.C.S., F.R.A.C.S.
SIR KENNETH MYERS, M.B.E.

MISS JOAN ROBB, M.SC., DIP.AGR.
MR D. B. ROBERTSON, F.R.C.S.,
F.R.A.C.S.
DR J. ROGERS, M.SC., PH.D.
MR JOHN SEABROOK, C.M.G.,
A.F.C.
MR R. B. SIBSON, E.D., M.A.
MR R. E. THOMAS, F.C.A.N.Z.

Representatives of the Auckland City Council:

HIS WORSHIP THE MAYOR, SIR DOVE-MYER ROBINSON
MR I. W. MCKINNON, J.P.
MR W. J. STREVS
MRS C. A. TIZARD, B.A.

Representatives of Local Authorities:

MR J. D. AUCKRAM, MRS N. J. BOURKE, Q.S.M., J.P., MRS D. M. E. CLARK, MR C. J. DOONER, A.N.Z.I.A., MR W. R. M. HARESHAPE, A.N.Z.I.A., A.L.A.A., MR T. S. IMPEY, MR O. E. WALKER, MRS S. M. WEIGHT, MRS E. A. WYLIE, Q.S.M., J.P.

Trust Board:

SIR KENNETH MYERS,
M.B.E. (Chairman)
DR H. C. HOLLAND, O.B.E.,
F.R.I.C.
DR E. H. ROCHE, M.C., M.D.,
F.R.A.C.P.

MR J. H. ROSE, LL.B.
MR JOHN SEABROOK, C.M.G.,
A.F.C.
MR R. E. THOMAS, F.C.A.N.Z.

Representative on Member Bodies' Committee, Royal Society of New Zealand:

DR P. J. BROOK

Director:

E. G. TURBOTT, Q.S.O., M.SC., F.M.A.N.Z.

PRESIDENTS
OF THE
AUCKLAND INSTITUTE
AND MUSEUM

1867	F. Whitaker	1903	Professor A. P. W. Thomas
1869	Hon. T. B. Gillies	1906	Professor F. D. Brown
1870	Rev. Dr. A. G. Purchas	1907	E. V. Miller
1871	T. Heale	1909	Professor C. W. Egerton
1873	Hon. T. B. Gillies	1910	Dr. R. Briffault
1874	Sir G. A. Arney	1911	J. H. Upton
1875	J. C. Firth	1912	Professor H. W. Segar
1876	Hon. T. B. Gillies	1913	C. J. Parr
1877	R. C. Barstow	1915	Hon. Sir E. Mitchelson
1878	T. Heale	1917	J. H. Gunson
1879	Rev. Dr. A. G. Purchas	1926	H. E. Vaile
1881	T. Peacock	1931	Alfd. G. Lunn
1882	E. A. MacKechnie	1933	Professor H. W. Segar
1883	Rt. Rev. Dr. W. G. Cowie	1934	Sir Cecil Leys
1884	H. G. Seth Smith	1935	A. T. Pycroft
1885	J. A. Pond	1936	Sir Carrick Robertson
1886	Professor F. D. Brown	1938	C. Reginald Ford
1887	Professor A. P. W. Thomas	1940	Dr. W. A. Fairclough
1888	S. Percy Smith	1942	A. H. Johnstone
1889	J. Martin	1944	J. C. Rennie
1890	J. Stewart	1947	Hon. T. Bloodworth
1891	Professor F. D. Brown	1949	F. L. G. West
1893	Professor C. A. M. Pond	1952	Professor L. H. Briggs
1894	J. H. Upton	1955	J. W. Kealy
1895	Professor A. P. W. Thomas	1958	J. H. Rose
1896	D. Petrie	1961	John Seabrook
1897	Dr. E. Robertson	1964	S. G. Brooker
1898	Prof. H. A. Talbot-Tubbs	1967	Dr. H. C. Holland
1899	J. Batger	1970	Lt.-Col. A. R. Hughes
1900	Professor H. W. Segar	1973	G. W. Frater
1901	J. Stewart	1976	Dr J. D. Atkinson
1902	Dr. E. Robertson		

REPORTS TO MEMBERS

President

Council members have given much time and attention throughout the year to discussions which culminated with the formal advertisement in March, 1978, of a new Auckland War Memorial Museum Maintenance Bill. In 1975 the Local Bills Committee rejected proposals by Whangarei City Council and Waiuku Borough Council that they should withdraw from statutory support of the Museum, but recommended that a more equitable basis for financial support should be devised. Parliament accepted this recommendation, and directed that the Museum and the Department of Internal Affairs should consult to achieve this end. The new Bill is our response to this directive.

The major change proposed by the Bill is that all territorial Authorities in the Auckland provincial area should become statutory contributors, rather than only some of the provincial Authorities as in the present Act. Two other new features are, firstly, substantial changes in Local Authority representation on the Museum Council to spread membership more widely than at present; and, secondly, provision for substantial reductions in contributions due from those Authorities maintaining their own museum with salaried staff. As in the present Act, contributions are based on both rateable capital value and population, while a reduction factor is applied to all provincial Authorities according to road distance from the Chief Post Office, Auckland.

Remembering always that this Museum is the provincial War Memorial, and that it was built with funds generously subscribed by people from all over the provincial area, the only fair way to ensure its financial support is to spread the burden over the whole of that area. This has been the guiding principle throughout all discussion on the present Bill. On a number of occasions the question of charging for admittance has been raised. To do this would break faith with all those who subscribed to the buildings, on the clear understanding that their gifts would build a War Memorial open to everyone, and Council has felt unable to accept the suggestion of a door charge.

The greater part of the work of drawing up the proposals forming the basis of the Bill was carried out by the following Subcommittee set up by the Finance Committee: Mr R. E. Thomas (Chairman, Finance Committee), the President (ex officio), Mr S. G. Brooker, Mr I. W. McKinnon, Mr T. R. Woolliams and the Director; the Subcommittee later reported back to the Finance Committee, which in turn conveyed its recommendations to the full Council. Our warm thanks are recorded to Subcommittee members, and especially to Mr McKinnon for his extensive and most effective contribution at all stages. The assistance given by officers of the Department of Internal Affairs, especially during the early stages of discussion, has been much appreciated.

AIM Ann Report

1977 to 1978

Fund-raising for our major maintenance project, the replacement of the deteriorated metal frames of the windows in the World War I building (see 1976-77 Report), has made particularly satisfactory progress: the Door Appeal has now produced \$38,791.61. Total funds available on 31st March towards this \$183,400 project stood at \$92,680.24 (including the sum produced by the Members Appeal: \$5255.16).

The Council also decided this year that members should be given the opportunity to contribute directly, in addition to the funds provided through subscriptions, to the maintenance and development of the Library and to building up the collections. Accordingly, we have set up two new permanent Funds, respectively, the Members' Library Purposes Fund and the Members' Specimen Purchase Fund: the initial response of members has been most generous, the two Funds on 31st March containing: Library Purposes, \$2,260.29; Specimen Purchase, \$698.25. We hope that members will consider contributing on a regular basis and that Life Members especially, in view of the comparatively low level of our Life Membership subscription, will give their support to the Funds.

Of special interest this year was the installation of a facility to assist our quite appreciable number of disabled visitors — a wheelchair ramp adjacent to the Main Entrance. It is with pleasure that we now record our appreciation of the success of our Architect, Mr R. F. Draffin, in solving a problem made more difficult through the Museum's comparatively high floor level, and our very cordial thanks to the Board of Trustees of the Auckland Savings Bank whose generous donation of \$4000 made the installation possible. We are also grateful for the interest taken in the project at an early stage by Mrs J. A. Crum, of Auckland, and wish to thank Mrs Crum for a monetary contribution. The ramp was officially opened on 2nd March, 1978, by the Deputy President of the Savings Bank's Board of Trustees, Mr C. Brenton-Rule.

An event not directly the responsibility of the Museum, yet of special interest in that it has much improved the appearance of the building from the Parnell side, was the removal of all wooden power poles along the approach from Maunsell Road, and their replacement by lighting standards. We take this opportunity of recording our appreciation to the Auckland Electric-Power Board.

Two functions may be mentioned briefly, the first being of particular interest in view of its association with the late Sir Gilbert Archey. Sir Gilbert's book, "Whaowhia: Maori Art and its Artists", completed shortly before his death in 1974 was formally launched on Wednesday evening, 29th June, 1977, at a function arranged jointly with the publishers, Messrs Collins; guests first participated in the formal Maori ceremony in the Maori Court, and then moved to the Auditorium to hear a most moving address in memory of Sir Gilbert by Mr H. D. B. Dansey.



The official opening of the new wheelchair ramp: the President, Dr Atkinson, with Mr C. Brenton-Rule, Deputy President of the Auckland Savings Bank, and Miss E. Barrowman, President of the Auckland Spastic Fellowship

New Zealand Herald photo

AIM Ann Report 1977 to 1978

The Maori Court was made available on Friday evening, 31st March, 1978, to the New Zealand Law Society for its Triennial Law Conference Reception, and we had much pleasure in being associated with the Society on this occasion.

As mentioned in Mr Turbott's report, the main new installation in our display halls this year has been the complete reorganization of the Pacific exhibits, and all members will wish to join in recording their congratulations to the staff concerned, and especially to Mr Bayliss, on his further success in designing an attractive and highly imaginative Hall.

Awards

We have much pleasure in congratulating the following members on honours received from Her Majesty the Queen: Sir Kenneth Myers, Knight Bachelor; Mr A. F. Hunter, O.B.E.; Mrs E. D. P. Walker, O.B.E.; Mr C. P. Hutchinson, Q.S.O.; Mr E. G. Turbott, Q.S.O.; Mr H. Woodyear-Smith, M.B.E.; and Mrs N. J. Bourke, Q.S.M.

Our Director, Mr Turbott, occupies a special place in museum circles. He returned to Auckland in 1964 to undertake the difficult task of following Sir Gilbert Archey, and he has succeeded brilliantly. The most conclusive proof of his success is to be found in the attendance figures quoted at the end of this report. To have attracted an additional one million visitors per year within the short space of seven years is an excellent performance by any standard. We offer special congratulations to Mr Turbott for the honour recently awarded him, and our most sincere thanks for his outstanding work for the Museum.

At the last Annual General Meeting members elected Mr T. E. Clark and Mr J. H. Rose, LL.B., to Honorary Life Membership. Mr Clark's gifts to assist in the development of the Museum's collection of Chinese ceramics have been exceptionally generous and have enabled us to add pieces otherwise well beyond our resources. Mr Rose, a member of our Trust Board since 1966, served on the Council from 1951 to 1970 and held the Presidency from 1958 to 1960; in 1963 he took a leading part in the negotiations with Local Authorities concerning the present Auckland War Memorial Museum Maintenance Amendment Act, and was President at the time of the official opening of the World War II building additions.

Council

In the election at the Annual General Meeting to fill three vacancies on the Council the successful candidates were Dr H. V. Coop, Associate-Professor Joan Robb and Mr R. E. Thomas. We have pleasure in congratulating Dr Coop and Mr Thomas on their return, and in welcoming Professor Robb to her seat on the Council.

The elections held in December, 1977, for Local Authority representatives — following the October Local Authority Elections —

resulted in a number of changes in membership, the successful candidates being: Mr O. E. Walker (sitting member) (northern provincial Authorities); Mrs N. J. Bourke (sitting member) (North Shore Authorities); Mr J. D. Auckram (sitting member), Mr C. J. Dooner, Mr W.R. M. Haresnape, Mr T. S. Impey, Mrs S. M. Weight, Mrs E. A. Wylie (sitting member) (southern metropolitan Authorities); and Mrs D. M. E. Clark (southern provincial Authorities). We welcome these representatives to their seats on the Council, and take the opportunity to record our deep appreciation to the retiring members, Mr C. R. Bach, Mr H. Brown, Mr J. R. Dart and Mr T. R. Woolliams. Mr Bach and Mr Brown were especially long-serving members (respectively 20 and 12 years), while Mr Woolliams had served for six years and Mr Dart for the past three-year term; their contribution to the work of the Council was in all cases considerable, and all will be much missed. At the October elections Mr Woolliams was elected Mayor of Rotorua, and all will wish to join in congratulations and appreciation of his assistance during his term on the Museum Council.

A change was made also in the Auckland City Council's representation, Mr I. W. McKinnon and Mr W. J. Strevens being re-appointed, and Mrs C. A. Tizard appointed in place of Mr H. D. B. Dansey who had not offered himself for re-election to the City Council. Mr Dansey's contribution over his five-year period as a Council member was greatly appreciated, and his resignation in November was received with much regret.

Finally, we wish to express our appreciation of the long period of service completed by Dr E. H. Roche who did not offer himself for re-election to the Council at the Annual General Meeting. Dr Roche had retired last year after 10 years as Museum Committee Chairman and it is with pleasure that we again record our deep appreciation of his work as a Council member since his election in 1962.

Staff

In September, 1977, our Botanist, Dr A. E. Orchard, was successful in his application for the post of Curator of the Tasmanian Herbarium, attached to the Tasmanian Museum and Art Gallery, in Hobart, and left to take up his appointment on 3rd March. We take this opportunity of recording our congratulations and best wishes to Dr Orchard, and much regret that his appointment has meant his loss to our own staff. Dr Orchard's skilled supervision of the Museum's herbarium and distinguished research contributions since he was appointed in 1971 have contributed greatly to the development of this important Department.

The Council promoted the Assistant Botanist, Miss Jeanne H. Goulding, to the post of Botanist in place of Dr Orchard. Miss Goulding's experience in the maintenance and development of the herbarium, and keen interest in all aspects of the Department's work, will ensure that our present high standards in this section are fully maintained.

AIM Ann Report 1977 to 1978

The post of Staff Artist was filled in October with the appointment of Mr R. J. Wolfe, B.F.A. Mr Wolfe has had previous experience in commercial printing and design, and was for four years Assistant Preparator in the Canterbury Museum's display department.

Through the grant for museum conservation received this year under the Government scheme (see below) we were able to add to the staff for an initial two-year period, Miss Joanna Boileau, B.A., being appointed Temporary Assistant Preparator.

It is with much regret that we record the resignation from the School Service staff as from 16th December of Miss Anne Leahy, further mention of which is made by Mr Berry in his report. Miss Leahy has since 1970 contributed greatly to the development of the Service, and has played a major part in developing the use made of the Maori Court and of the anthropological sections generally.

Two members of our staff, Mr Wise and Mr Cernohorsky, were chosen to accompany the Royal Society of New Zealand Pacific Expedition to Fiji in June-July, 1977. Our thanks to the Society, and to the Government which made transport available in R.V. *Tangaroa*, are gladly recorded.

In addition, several staff members have this year been able to extend their research programmes through overseas visits. Our Ethnologist, Mr D. R. Simmons, is at present away on a six-months' tour of British and continental museums which will enable him to survey Maori collections in this area and thus to complete the ambitious recording programme begun on his tour of the United States and Canada in 1973. Miss Davidson returned on 29th March, 1978, from a three-months' stay on the Duff Islands (Outer Eastern Islands District of the Solomons group) where she carried out archaeological field work as part of Professor R. C. Green's comprehensive S. E. Solomons Cultural History Programme (see Miss Davidson's report, below). In addition, Mr Cernohorsky spent a month in January-February, 1978, examining molluscan material relating to his Indo-Pacific research projects at the Smithsonian Institution and other United States museums, details being given in his report.

Membership

The roll has changed as follows:

	As at 31/3/77	As at 31/3/78
Life Members	536	556
Ordinary Members	1,173	1,251
	<hr/> 1,709	<hr/> 1,807

Obituary

We record with regret the death of the following members:

Dr G. A. Andrae, Miss M. S. Barr, Mr W. H. Barton, B.A., Mr R. W. Bates, Mr W. H. Blyth, Mrs H. J. Bull, Miss M. E. Dunn, Mr W. H. B. Firth, Mr A. O. Glasse, C.M.G., O.B.E., M.C., Mr E. C. Grayland, Mr T. G. Hamilton, B.A., Dip.Ed., Mrs M. D. Klippel, Mr A. J. Luke, Professor W. R. McGregor, Mr A. D. Mead, M.M., B.E., Mr N. de B. Noakes, Lt.-Commander J. F. A. O'Neill, D.S.C., R.N.Z.N., Mr H. G. Partridge, B.D.S., Dr O. Tichelaar, D.R.S.(Amst.), D.Litt.(Ghent).

Mr A. D. Mead who died on 30th May, 1977, was one of the Institute's most long-standing members, having joined in 1928. As the Auckland City Council Waterworks Engineer he was largely responsible for the establishment of the City's water supply forest reserves in the Waitakere and Hunua areas, and took a leading part in the establishment of the Centennial Memorial Park; he was awarded the Loder Cup for his work in preserving and encouraging an interest in the New Zealand flora in 1972.

Professor W. R. McGregor, who died on 1st June, 1977, was closely associated with the Institute and Museum during his campaign to ensure the establishment of the Waipoua Forest Sanctuary. In addition, he was a generous donor of ethnographical material to the Museum, including the notable collection of wood sculpture from New Ireland to be seen in our Hall of the Pacific.

Mr A. O. Glasse, who died on 13th December, 1977, represented the Auckland City Council on the Museum Council for the 12 years from 1956 to 1968, during this period contributing greatly to the Museum's progress through his deep knowledge of Local Authority affairs; he took a leading part in the negotiations with Local Authorities concerning the 1963 Maintenance Amendment Act.

We record also with regret the death on 17th May, 1977, of Mr R. A. McIntosh, F.R.A.S., F.R.A.S.N.Z., who held the post of Planetarium Lecturer from the installation of the Planetarium in 1959 until his retirement in 1972. Mr McIntosh through his wide astronomical knowledge and success in interesting and holding the attention of the public developed the Planetarium into one of the Museum's most popular facilities.

Gifts

As mentioned last year the Sir John Logan Campbell Trust set aside a total sum of \$51,000 towards the Museum's coming multimedia installation "Auckland — Past and Future Landscapes", making an immediate grant of \$5,000 towards the project. We wish again to express our very deep appreciation of this generous provision by the Trust, and record our thanks for an instalment of \$15,000 for the 1977/78 financial year.

The Auckland City Council's agreement to underwrite the remaining sum required for "Auckland — Past and Future Landscapes", i.e. \$51,000, was contingent as mentioned last year, upon an approach

AIM Ann Report

1977 to 1978

being made to other Local Authorities in the area. We now have much pleasure in recording our appreciation to the following Authorities who have contributed, or indicated their intention to contribute, towards the installation: Devonport Borough Council, \$200; East Coast Bays City Council, \$1,000 over three years; Ellerslie Borough Council, \$750 over three years; Franklin County Council, \$1,000 over three years; Kaitia Borough Council, \$20; Kawerau Borough Council, \$100; Mt Albert Borough Council, \$1,200; Murupara Borough Council, \$10; Onehunga Borough Council, \$2,250 over three years; Paeroa Borough Council, \$10; Pukekohe Borough Council, \$300 over three years; Taumarunui Borough Council, \$50; Taupo Borough Council, \$50; Waihi Borough Council, \$25. Our thanks are recorded again to the Auckland City Council for its most generous support.

The Auckland Savings Bank Board of Trustees has again made a substantial grant towards a Museum project, the sum of \$4,000 being contributed by the Trustees as mentioned above, towards the installation of our new wheelchair ramp.

This year we applied successfully for a Government grant of \$6,000 under the scheme for assistance to Art Galleries and Museums to enable us to subsidise the salary of a conservation assistant with a view to establishing a museum conservation service in the provincial area. We are most grateful for this further opportunity to expand our provincial services under the scheme. We have also again appreciated receiving a Government grant through the Department of Internal Affairs to assist us in carrying out our responsibilities under the Antiquities Act 1975; grants of \$4,000 each to the Auckland, Canterbury and Otago Museums were made this year by the Department.

Acknowledgement is made of the receipt of \$100 bequeathed by the late Mr R. K. Geddes.

We are grateful also for the substantial contribution made towards the cost of installing our Hall of the Pacific by Mr Ralph Court, who donated the double curtaining and met all costs involved in making up and hanging. A further much-appreciated contribution towards our display installations has been made by Mr John MacDonald (of Messrs John Dixon Antiques Ltd), who has met this year's insurance premium (\$93.80) for the carpet collection shown in the Disney Hall of English Furniture, and has undertaken to continue to pay the premiums in future years.

We gratefully acknowledge a donation for research of \$500 from Messrs R. T. Sheppard and Co. Ltd.

Our thanks are recorded for monetary contributions as follows during the year: Mr C. R. Bach, Mrs I. M. Hunt, Mangere Franklynne Garden Club, Maori Studies Group, New Zealand Chiropractors Association, Oratia Primary School, Otorohanga Primary School, St Mary's School, South Pacific Television, Ms D. Sylvester, University of California, and an anonymous donation.

Local Authority Contributions

Metropolitan Statutory —

Auckland City	110,942.85
Birkenhead Borough	8,761.59
Devonport Borough	5,695.28
East Coast Bays City	13,864.67
Ellerslie Borough	3,881.30
Glen Eden Borough	3,269.50
Helensville Borough	588.33
Henderson Borough	4,102.38
Howick Borough	6,675.66
Manukau City	62,105.18
Mt Albert Borough	11,683.38
Mt Eden Borough	9,117.40
Mt Roskill Borough	16,758.59
Mt Wellington Borough	14,406.60
New Lynn Borough	5,473.47
Newmarket Borough	2,667.42
Northcote Borough	4,986.94
Onehunga Borough	10,897.47
One Tree Hill Borough	10,474.21
Otahuhu Borough	5,318.08
Papakura City	8,703.92
Papatoetoe City	9,923.49
Takapuna City	40,085.17
Waiemata City	26,977.49
	<hr/>
	397,360.37

Provincial Statutory —

Hobson County	1,346.84
Hokianga County	180.64
Huntly Borough	1,125.54
Kaikōhe Borough	153.51
Kaitiaki Borough	90.15
Kawerau Borough	457.74
Mangonui County	248.73
Murupara Borough	26.39
Ngaruawahia Borough	731.08
Putaruru Borough	305.81
Rodney County	17,790.64

Rotorua City	3,580.66
Taumarunui Borough	196.24
Taupo Borough	380.77
Waiheke County	930.47
Waitomo District (Urban Division)	327.00
Waiuku Borough	1,046.72
Whangarei City	6,551.43
Whangaroa County	169.27
	<hr/>
	35,639.63

Provincial: Voluntary —

Cambridge Borough	100.00
Franklin County	1,200.00
Hauraki Plains County	100.00
Hikurangi Town	20.00
Matamata Borough	50.00
Matamata County	750.00
Morrinsville Borough	75.00
Opoitiki County	20.00
Otorohanga County	400.00
Paeroa Borough	90.00
Pukekohe Borough	400.00
Raglan County	200.00
Tauranga City	200.00
Tauranga County	200.00
Te Puke Borough	70.00
Thames-Coromandel District	
1976/77	200.00
1977/78	250.00
Tokoroa Borough	200.00
Tuakau Borough	200.00
Waihi Borough	250.00
Waikato County	300.00
Waipa County	150.00
Whakatane District	700.00
	<hr/>
	6,125.00

Attendances

As suggested last year our attendance increases appear now to have levelled out, and it seems possible that attendances will now remain essentially stationary unless marked increases occur in the population of the Auckland area. Our figures for the past seven years (1st April - 31st March) are:

1971 - 72:	734,808
1972 - 73:	1,034,818
1973 - 74:	1,370,646
1974 - 75:	1,640,552
1975 - 76:	1,780,563
1976 - 77:	1,804,947
1977 - 78:	1,796,065

In conclusion I have pleasure again this year in congratulating Mr Turbott and his staff on behalf of members on the progress achieved by all departments of the Museum.

J. D. ATKINSON

Chairman of the Trust Board

Attention to the revision of leases and rentals on several of the Vaile Endowment properties has been required during the year. In addition, one of the Board's investments in group securities on behalf of the Endowment has been reorganized to give an improved return.

During the year the Board investigated the effect upon the Vaile properties of the Auckland City Council's District Scheme Review and a formal objection was lodged concerning one of the properties. In addition, the Board was successful in its application under the Public Bodies Leasing Act, being gazetted as a Leasing Authority on 30th June, 1977.

Our thanks are again recorded to Messrs Samuel Vaile and Sons who have attended to numerous maintenance requirements on the properties throughout the year.

Invested funds now total \$529,714.

KENNETH MYERS

Director

Institute Meetings

Interest in our Monday evening series was again well maintained with an average attendance of 145. Our thanks are recorded to the following lecturers: Associate-Professor Joan Robb, "Little-known New Zealanders — Frogs, Lizards and the Tuatara"; Mr A. L. Poole, "Leonard Cockayne: the Eruption of Ecology" (Triennial Royal Society of New Zealand Cockayne Memorial Lecture); Dr Anne Salmund, "The Maori as he Was?"; Dr M. E. Hoare, "Science and Society on Cook's Second Voyage: the Unpublished Journal of J. R. Forster (1772-75)"; Professor J. D. Sinclair, "The Marathon Man: Physiology and the Long Distance Runner" (Annual Medical Association Lecture); Brigadier J. Ferris Fuller, "Dental and Oral Health — a Community and Professional Enigma" (Triennial Tiwha Bennett Memorial Lecture, in association with the Auckland Branch, New Zealand Dental Association); Dr P. J. Ellis, "Studying the Earth from Space — a Satellite's Eye View of New Zealand".

The opportunity was taken on the occasion of a visit to Auckland by Dr Edward Teller, the noted United States nuclear physicist and authority on uses of atomic power to arrange a lecture: this was held on 2nd May, Dr Teller's subject being "Energy Conservation and Alternative Sources of Energy".

A further much-appreciated lecture delivered on 26th January, 1978, by Professor Jean Guiart, Director of the Ethnological Laboratory, Musée de l'Homme, formed the prelude to the opening by Professor Guiart of our special exhibition on Pacific tapa. Professor Guiart, who was in New Zealand to attend the international symposium held in Wellington on *Art and Artists in Oceanic Societies*, spoke on "Oceanic Art and the Role of Museums in its Development".

The Archey Lecture was delivered on 5th July by our Archaeologist, Miss Janet Davidson, who spoke on "Uncovering the Evidence of Man's Past: Archaeology in the South Pacific". We were again grateful for the assistance of the Auckland Science Teachers' Association in arranging for notification of the Lecture to post-primary schools in the Auckland metropolitan area.

Display Programme and Special Exhibitions

The Display Department has for some years been moving on from strength to strength under the highly competent supervision of Mr Bayliss. The two outstanding features of this year's work have been Mr Bayliss' reorganisation of the former Hall of South Pacific Ethnology, and our particularly full Special Exhibition programme, with emphasis upon the display of material selected mainly from the Museum's reserve collections.

Three special exhibitions included in our programme came under the latter heading — "Pacific Wooden Artifacts", "Basketry of the Pacific" and "Tapa". All attracted much attention, and it is clear that a policy of showing material from our rich ethnographical collections in reserve as often as possible is likely to be widely appreciated; while the material may duplicate that on permanent exhibition, it provides an opportunity for comparison and assessment based upon a wider range. The Exhibitions, too, have been productive in stimulating interest in the permanent displays and in extending the fields covered in the new Pacific Hall.

In the Hall of the Pacific, Mr Bayliss working in consultation with Mr Simmons, has been highly successful in solving the difficult problem of showing the Museum's most notable pieces to the best advantage, yet providing a balanced geographical coverage. Some details of the design and display techniques employed were given in last year's report. The completed Hall (*see front cover*) is notable for its balanced design and carefully planned lighting; as mentioned last year moderately dark curtains provide for restricted daylight, while emphasis is given by the general case lights and spot-lights. As in the Hall of Asian Art, the removal of case backs and re-alignment of the cases as island — instead of pier — cases has greatly improved the display potential and crowd flow of the Hall. As regards the collections shown the reorganization has enabled us to include a considerable amount of material chosen from the reserve collections or material acquired since the installation of the original displays; material duplicated in the earlier displays has in some instances been reduced.

The Hall as completed provides for a balanced display plan in relation to the Hall of Asian Art on the opposite (eastern) side of the Museum on this floor. The first impression gained — the view of the central Nukuoro wooden figure — from the Main Vestibule greatly enhances the impact of the Museum as the visitor enters.

The multi-media installation "Auckland — Past and Future Landscapes" of which an outline plan was given last year has made satis-

AIM Ann Report

1977 to 1978

factory progress, although still at the basic planning stage. The first step in the present year — following last year's confirmation that the necessary financial support would be forthcoming — was the appointment of a Designer to take over the organization and integration of all aspects of the installation: a New Zealand consultant designer, Mr John Maynard, was appointed to this key post in August, 1977.

Since then Mr Maynard and I have worked continuously, firstly, in assessing my own original general outline and more lengthy introductory designer's briefs, and subsequently in discussing plans prepared by Mr Maynard for the location of the installation in the Museum halls, together with any modifications which would be required to enable installation to begin. We also began discussions with members of the Museum's curatorial staff and with specialist outside advisers concerning the final choice of subject matter for each section (see outline in last year's Report). When topics for inclusion have been finalised the specialists concerned will be asked to prepare detailed designer's briefs.

Mr Maynard's first task in the present period was to prepare estimates for, respectively, the basic housing and the preparation, assembly and manufacture of display material. This has involved the preparation of a ground plan for the installation sufficiently detailed to be used as the basis for building estimates, yet flexible enough to allow for a wide range of choice in the actual subject matter to be included. The costs involved in housing prove to fall well within the original budget, and allow for the inclusion of a most satisfactory selection of display units.

As regards location, Mr Maynard's recommendation, after consideration of several possible sites, was to use the present Shell Gallery (approximately 45 metres by 5 metres). This will require the transfer of the molluscan displays to the eastern side of the Cheeseman Hall of Natural History, and the re-siting of certain displays in this hall; the first steps in the latter process have already been completed.

Mr Maynard proposes that the installation should be carried out in three stages: a planning and estimates period of 10 months (to 30th June, 1978), followed by nine months for detailed design, installation of housing structures and preparation of display material (to 31st March, 1979) and seven months for installation. This brings the planned completion date to approximately 30th October, 1979.

The opportunity is taken to express appreciation of Mr Maynard's successful completion of the first stage of his programme. His considerable experience in both exhibition design and museum display have ensured recognition in preliminary plans for the installation of the Museum's special display problems, and will assist greatly as the individual displays are planned in detail.

Publications

The following papers were published in this year's *Records* (Vol. 14: date of publication 10 December, 1977):

- "Pa of the Auckland Isthmus: an archaeological analysis", by Aileen Fox.
- "Salvage excavation of an Archaic burial context, N44/97, Hahei", by S. Edson and D. Brown.
- "Prehistoric burials from recent excavations on Motutapu Island", by Philip Houghton.
- "Human skeletal material from excavations in Eastern Coromandel", by Philip Houghton.
- "New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium. 3", by E. B. Bangerter.
- "Early publications and exhibits of New Zealand ferns and the work of Eric Craig", by Jeanne H. Goulding.
- "Three new intertidal species of Limnichidae (Coleoptera) from New Zealand", by E. B. Britton.
- "The taxonomy of some molluscan species reported from New Zealand", by W. O. Cernohorsky.
- "The taxonomy of some southern ocean Mollusca (Gastropoda) mainly Antarctic and Subantarctic", by W. O. Cernohorsky.
- "The taxonomy of some Indo-Pacific Mollusca. Part 5. With descriptions of new taxa and remarks on *Nassarius albus* (Say)", by W. O. Cernohorsky.
- "Reinstatement of *Hoplodactylus maculatus* (Boulenger) with re-description of *H. pacificus* (Gray) (Reptilia: Squamata: Gekkonidae)", by J. Robb and R. P. V. Rowlands.
- "*Metavelifer multiradiatus* (Regan, 1907) (Pisces: Veliferidae), a new record from New Zealand waters", by A. B. Stephenson.

We also issued *Bulletin* No. 11, "A Synonymic Checklist of the Hexapoda of the New Zealand Sub-Region: The Smaller Orders", by K. A. J. Wise (176 pp.): the Lottery Board Scientific Research Distribution Committee grant which made publication possible was acknowledged in last year's Report. Mr Wise's *Bulletin*, in view of the numerous entries required, has been in preparation for some time, and it is hoped that it will now become a standard reference work for entomologists.

Mr Wise has been responsible again this year for the editorial work on both the *Records* and *Bulletin*, and our congratulations are extended to him on the high standard achieved. We wish to thank Professor R. C. Green (Anthropology), Professor F. J. Newhook (Botany) and Associate-Professor Joan Robb (Zoology) who have continued to act as our Editorial Committee.

E. G. TURBOTT

Anthropology and Maori Studies Section

The past year has been one of inactivity for the Section with no meetings or field trips. This situation is due largely to the ordinary everyday pressures on the two or three organising committee members

as well as the departure overseas of two of them. However, this is not a permanent situation and it is hoped to remedy it late in 1978. This "rest" period may be beneficial in the long run, as both committee and ordinary members will return with renewed interest.

Over a number of years membership totals have dwindled as the special interests of members have been catered for in other newly-formed groups. The latter bodies did not exist when the Section was founded and during its earlier years, so that for some fifty years it provided for a wide range of interests — it is hoped that it can now be reorganised to provide for at least some permanent special fields.

Officers of the Section for 1978 remain the same as last year: Chairman, Mr J. P. Webster; Secretary, Mr S. Hartley; Treasurer, Mr E. Grimes; Committee, Mr R. Cartwright, Mr J. Diamond, Mrs E. Gatenby, Professor R. C. Green, Miss I. Hamilton, Mr D. Simmons, Mr N. Wickham.

J. P. WEBSTER

Astronomical Section (Auckland Astronomical Society)

Highlight of the year was the tenth anniversary of the opening of the Auckland Observatory at the One Tree Hill Domain. To celebrate the occasion an "Open Day" was held in conjunction with the opening of the Auckland Coast-to-Coast Walkway which passes beside the observatory; over 6000 visitors inspected the displays and under perfect conditions were able to observe through the 50 cm telescope, the planet Venus and double star system Alpha Centauri.

The second public event of the year was a display at the Easter Show which included viewing through several large portable telescopes. On each night large queues formed for a peep at Saturn, the Moon or one of the other objects on display.

A most noteworthy event was the preparation under the sponsorship of the Society of the first talking book for the blind on astronomy: this was undertaken by Mr Lionel Warner, a Society member, and Mr David Sherry of the Foundation for the Blind. The talking tapes are accompanied by a Braille manuscript of astronomical diagrams which required the development of several new techniques for their production. The completed work has been enthusiastically received and master volumes have been distributed overseas for further reproduction.

Monthly meetings for members and for juniors were held throughout the year. Speakers included, Dr J. Whelan of the astronomy group, Cambridge University, who was returning to Australia for an observing period on the Anglo-Australian Telescope. He spoke on his specialty dwarf novae, X-ray Stars, neutron stars and black holes. Professor R. Hoskings of the Waikato University described theoretical work he has been doing on the sun. Dr M. Lewis Director of Carter Observatory spoke on his further investigations into the possibility that the gravitational constant may be varying with time. In addition, a number of specialist observing meetings were held during the year.

The Observatory has been open for public viewing every Tuesday evening and for special groups on other nights by arrangement. Day-time school sessions were held as in previous years.

Observational work has been carried out in close co-operation with the Physics Department, University of Auckland as previously. A long term programme has been commenced in conjunction with the Meteorological Service and photoelectric observers at Dunedin, Mt John, and Carter, to investigate atmospheric turbidity variations over New Zealand. Progress at Auckland was reported in papers presented to a national workshop on the topic held at Waikato University in November.

The programmes on dwarf novae and selected long period variability have continued and are now attracting considerable interest from overseas workers in these fields. An upsurge of interest has occurred in visual variable star observing, in occultation timings and in visual meteor observing. During the latter part of the year observers have monitored, in association with orbiting satellite observatories such as HEAO-1, the activity of several selected stars thought to be associated with X-ray and neutron stars or black holes. This programme is continuing throughout 1978.

The Annual Conference of the Royal Astronomical Society of New Zealand was held at the Waikato University with papers presented by four Auckland members: "Visual Variable Star Observing" by Mrs D. Paterson, "Photoelectric Observations near the South Celestial Pole" by B. F. Marino, "Observations of Long Period Variables" by G. Blow, "Flare Star Observations from Auckland" by W. S. G. Walker, and "The Auckland Occultation Programme" by G. Blow.

Officers for 1978 are: Patron, Mr B. Winstone; President, Mr B. F. Marino; Vice-President, Mrs P. Dale; Secretary, Mrs R. Tyson; Treasurer, Mrs D. Paterson; Librarian, Mrs K. Barrow; Editor, Mr W. S. G. Walker; Curator of Instruments, Mr D. C. Fisher; Council, Mr O. R. Hull, Mr E. Hanham, Mr M. Greaney.

R. TYSON

Conchology Section

The Section has again experienced a busy year and its monthly meetings, which have attracted good attendances, have continued to provide valuable contact among members.

Membership has however slightly declined and now stands at 328, which really is most satisfactory for a club in a country of this size. The decline appears to be mainly due to members moving overseas as travellers.

Three weekend trips away were held during the year, to Cooks Beach for marine study, Waipoua Forest in quest of land snails, and Ngunguru for both marine and land specimens.

The printing of Bulletin No. 2 proved to be a most expensive item for the Section, although it was a publication of merit and of

AIM Ann Report 1977 to 1978

excellent format. Few clubs of our size attempt to produce anything of this calibre, and in this respect a further Bulletin may have to be postponed until funds can be accumulated.

A Shell Show, the first of its kind for New Zealand was organised for January 1978, to assist in raising funds for the Section's Publication Fund.

"Poirieria" published quarterly has continued to provide a wide range of interesting and informative articles and is now regularly mailed to many overseas institutions. The Section is indebted to the Joint Editors, Mr & Mrs N. Gardner.

Our thanks are again due to the Museum authorities and to Mr W. O. Cernohorsky and Dr A. W. B. Powell for their continued support in the Section and for making facilities available to us for our monthly meetings.

Acknowledgement must also be made to our guest speakers for the year: Dr W. Ballantine, Mr M. Chapman-Smith, Mr Les Curtain and Messrs G. Hartley and J. Nicholson, Research Students from Auckland University.

Present Officers are: Patron, Dr A. W. B. Powell; Vice-Patrons, Professor J. E. Morton & Mr W. O. Cernohorsky; President, Mr R. C. Grange; Corresponding Secretaries, Mrs E. N. Gardner and Mrs E. T. Grange; Minute Secretary, Mrs P. Town; Treasurer, Mr D. Lamb.

R. C. GRANGE

Maritime Section (Auckland Maritime Society)

1977 was a "holding" year for the Auckland Maritime Society, rather than one of progressive advancement. Membership of the Society stands at 216.

Several guest speakers have again given their services at the monthly meetings during the year. In February Mr H. Julian gave a talk about his experiences with various towing projects round the New Zealand coast. Mr O. R. Barlow returned in April to speak about the workings of maritime insurance. Mr Ted Guard, a member of the well-known Guard family of Te Awaitei, gave an address about his boat-building career and his family background, in August. In September Mr I. H. Driscoll gave an informative talk about the career of Captain Helmuth von Ruckteschell, a German commerce raider of the second World War. A somewhat more light-hearted view of the war at sea was given at the October meeting by Arch-deacon Mayo Harris who served with the Australian Navy as commander of a squadron of corvettes in the war and later in charge of shore training establishments in Australia. The last guest speaker for the 1977-78 year was Mr B. L. Stanley, who gave a cheerful recital of some of his experiences during his years at sea to the February meeting.

Programmes contributed by members during the year included a display of colour slides recording shipping at Singapore by Mr D. N. Brigham, a lecture on the history of marine artists and their work by Mr John Speer illustrated by fine colour slides, an address by Mr Olaf Peek about a tragic collision between two ships in the Atlantic, and a screening of his own films about the building of the Auckland Harbour Bridge, Auckland ferries, and the *Earnslaw* on Lake Wakatipu by Mr Graham Lee.

A dinner for members was held at the Esplanade Hotel in November, when Mr N. A. Maffey delivered a talk on the history of the Auckland ferry services.

Two outings were held in 1977, a trip to the Auckland University's Marine Biology Research station at Leigh and the wild life park at Ti Point, and a trip to the Paeroa Historical Maritime Park which included a river excursion in the M.V. *Settler*.

The Society gratefully acknowledges numerous donations of books during the year, as well as several batches of maritime photos and postcards, passed on from the donors by Mr R. E. Hann of Christchurch.

Officers of the Society are: Patron, Mr J. A. MacConochie; Chairman, Mr R. M. Watt; Secretary, Mr C. A. Furniss; Treasurer, Mr F. K. Slattery; Committee, Mr D. N. Brigham, Mr R. M. Densem, Mrs M. Furniss, Mr C. W. Hawkins, Mr W. A. Laxon and Mr N. A. Maffey.

C. A. FURNISS

Assistant Director, Curator of Display and of Applied Arts

The Exhibition Hall has been used continuously throughout the year. Some of these exhibitions, such as the Pottery, Photo Forum, Mathex and School Science, have been staged by the society concerned; others for which the Display Department were responsible were "Hungarian Folk Art", featuring materials from the homes of the local Hungarian community brought with them from Hungary; and "Bonsai", with trees supplied by the Auckland Bonsai Society under their able President, Mr R. Langholm.

The series of exhibitions featuring material from the reserve collections was continued and included "Basketry of the Pacific", "Pacific Wooden Artifacts", and "Tapa"; the last exhibition was opened following a lecture in the Auditorium by Professor Jean Guibert, of the Musée de l'Homme.

We also had much pleasure in showing the exhibition "'Tangata", sponsored by the Ministry of Foreign Affairs and the Queen Elizabeth II Arts Council. The exhibition consisted of Brian Brake photographs of Maori carvings in New Zealand collections, and will now travel overseas.

AIM Ann Report

1977 to 1978

The reorganised Hall of the Pacific was completed in co-operation with Mr Simmons during the year. Credit must go to Mr McGillivray, Miss Bertrand and Mrs McBirney for the work they put into this Hall. An introductory orientation display is still under construction: this will include an illuminated map for which the electronics have been designed by Mr Wadham — at the push of a button a diode lamp will light up on the island or area to be identified. Further changes in the display halls include a large wall display case opposite the "Pottery of the Americas" to hold our Chinese bronzes and Gandharan sculptures, the construction having been carried out by Mr McGillivray.

Mr Richard Wolfe joined the Display Department in October. One of his first assignments was to set up a display of museum material — natural history, ethnology, and contemporary crafts — in eight cases assigned to us at the new Auckland Airport Overseas Terminal.

A set of travelling cases to house the provincial travelling exhibition "Fishes of Northern Waters" have been constructed by Mr McGillivray to the design of the previous set used for "Regional Variation in Maori Carving"; casting of the specimens has been carried out by Mr Cappel and painting by Miss Bertrand.

Purchases from the Disney Art Trust this year have been an outstanding ritual Kendi of the T'ang Dynasty 36 cm high, excavated at Mindanao in the Philippines; three pieces of Studio Pottery from the Pakuranga Arts Festival; eight pieces of Studio Pottery from the 14th Auckland Exhibition; framed tiles from the Tasman Gallery; a Japanese kimono; studio weaving floor rug by Ian Spalding.

The New Zealand Potters have deposited a collection of pottery by Alan Caiger-Smith, and the Auckland Studio Potters a collection of pottery to be known as the Betty Colson Memorial Collection. In addition, an important and extensive collection of sherds of the T'ang, Sung and Ming dynasties was donated by Mr Terry Noakes.

T. J. BAYLISS

Acting Ethnologist

Activities during the year have been many and varied. Mr Simmons lectured at the invitation of a number of groups during the year: these included the Wellington Archaeological Society; Maori apprentices from the Auckland and Manukau Technical Institutes; Maori and Island Community and Welfare Officers; the Papatoetoe and Newmarket Rotary Clubs; the English Speaking Union; the Auckland and Otahuhu Historical Societies. A Sunday morning tour of the Maori Court and research rooms was arranged at the request of elders of the Tuhoe, Ngati Porou, Porangahua and Ngati Kahungunu tribes, who wished to see the items from their areas and also how the Museum was caring for these important items from the past; they now agree that the Museum is a suitable and correct repository and have placed a number of additional objects here for safekeeping.

Mr Simmons guided a group of 15 Maori carvers and student carvers on a Saturday morning in the Maori Court and storerooms in their study of carving styles.

Both Mr Simmons and I attended the Biennial Conference of the New Zealand Archaeological Association in Dunedin in May, 1977. After the conference Mr Simmons visited Canterbury, National and Wanganui Museums to record carvings and to discuss the loan of material for the City Art Gallery's exhibition "The Two Worlds of Omai". Mr Simmons during this period also visited and recorded meeting houses in the Wanganui region.

Mr Simmons attended the opening of Te Waiariki House at Whaiora Marae; the house was carved by Pakiriki Harrison who worked closely at all stages with the Museum.

He also held discussions at Te Puke with elders of the Tapuika tribe about the preservation of the only example of stone tool carving at present held by them. Advice was given at a meeting on the Mangere Marae for the members of the Waiohau and Akitai tribes living at Pukaki, who had requested Mr Simmons to assist them with matters of the tribal tradition and history of the Auckland Isthmus.

Mr Simmons participated in the International Symposium organised by the Pacific Arts Association at the Victoria University of Wellington, 1st - 18th February, on "Art and Artists in Oceanic Societies", acting co-convenor of the section on Museum conservation and preservation problems. Participants in the symposium were drawn from 17 countries, including a strong representation from throughout the Pacific. In addition to participation in the discussion on Museum conservation, Mr Simmons delivered a paper on "Moko: a record of changing fashions in New Zealand".

He gave much time during the year to the preparation of labels for the Hall of the Pacific, and to co-operation with Mr Bayliss in the project generally. He also worked in association with the City Art Gallery staff on the ethnological section of the Gallery's "The Two Worlds of Omai", and contributed an introductory essay to the exhibition catalogue.

N. V. ARTHUR

E. Earle Vaile Archaeologist

Between December 1977 and March 1978 I took part in field-work in the Solomon Islands. The project, which took me to the small and remote Polynesian outlier of Taumako in the Eastern Outer Islands District of the Solomons, was part of a wider programme of Southeast Solomon Islands Culture History under the direction of Professor R. C. Green of Auckland University and Dr D. E. Yen of the Bishop Museum, Honolulu. I was working with Dr B. F. Leach of Otago University. During our stay on Taumako we carried out a complete site survey of the group of nine islands and excavated two major sites and one minor one. Material from the excavations is being sent to New Zealand for detailed analysis, and will be returned to

AIM Ann Report

1977 to 1978

the Solomon Islands Museum upon completion of the study. Results were extremely satisfactory and it is hoped to prepare a monograph on the prehistory of Taumako and also a smaller popular publication which can be distributed and used within the Solomon Islands.

Although no excavations were undertaken in New Zealand during the year, analysis of material from earlier work continues. It is not always appreciated that excavation is only the tip of the iceberg, and that study of the material and preparation of final reports is a long process. Field trips to inspect and record sites were fewer than in some previous years, but included visits to Motutapu Island, the Coromandel Peninsula, and several parts of Northland.

Advising on the protection and management of archaeological sites continues to be a major aspect of the work of the Museum Archaeologist. I have been most grateful to Lady Fox for her continued assistance in this area. The Museum continues to house the N.Z. Archaeological Association's Auckland site record file, which is extensively consulted both by people concerned to identify and if possible protect archaeological sites, and by research students. The archaeological reserve collections are also increasingly used by both graduate and undergraduate students at the University.

During the year several archaeologists worked in the Museum for various periods. Lady Fox carried out research on several topics. Miss Mary Newman continued her work for the N.Z. Historical Places Trust on the report of the archaeological project associated with the Tongariro Power Development Scheme. Mrs Susan Bulmer, employed by the N.Z. Historic Places Trust to revise the site records for the Auckland urban area, has also been based at the Museum.

As usual, I gave a number of lectures during the year, including the Museum's Archey Lecture for senior secondary pupils, the topic of which was "Uncovering the evidence of man's past: archaeology in the South Pacific".

In May I attended the New Zealand Archaeological Association conference in Dunedin, giving two papers, and in August I attended two conferences in Australia — The Australian Museum's 150th Anniversary symposium in anthropology on "Exchange systems in Australia and the Pacific Islands" and the 48th ANZAAS Congress in Melbourne — giving a paper at each.

I continued to represent the N.Z. Archaeological Association on the N.Z. Historic Places Trust, serving as Chairman of the Trust's Archaeology Committee and taking part in several subcommittees. I was also re-elected a Vice-President of the N.Z. Archaeological Association. I served on the Bay of Islands Maritime Park Interim Advisory Committee, which meets regularly in the Bay of Islands, and was appointed to the Royal Society of New Zealand's National Committee for Quaternary Research.

JANET M. DAVIDSON

Botanist

Dr Orchard worked continuously until his departure on 3rd March, 1978, on his revision of *Myriophyllum* in the family Haloragaceae — in particular the study of New Zealand, South American and Australian species. He received further loans of *Myriophyllum* from Melbourne, Paris and the Missouri Botanical Garden (South and Central American collections). Before his departure he had completed his research notes and illustrations of the New Zealand and South American species and had returned loans to the various herbaria. Australian loans were packed up and posted to his new address at the Tasmanian Herbarium, Hobart.

Dr Orchard attended the 48th ANZAAS Congress in Melbourne, in August, 1977, and was also present at several Auckland meetings of the Botany Sectional Committee for the 1979 ANZAAS Congress to be held in Auckland.

In the herbarium, Mrs Hynes has kept up her weekly task of mounting New Zealand collections and specimens received in overseas exchange. Mr Bangerter has continued his much appreciated help in the re-arrangement of our adventive and overseas collections, completing the dicotyledons and beginning on the monocotyledons; once again, he brought in many adventive specimens, mostly gathered in Waitemata County (always with several duplicates to aid our exchange programme). The third part of his "New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium" appeared in the last *Records* and the fourth part is ready for the next volume. Mr Anthony Wright has worked as a temporary student assistant during University summer holidays and has put in one day a week since then; he is reorganising our collections of native and adventive grasses and has prepared a paper on the type species we hold of New Zealand Gramineae. As in other years, the herbarium has benefitted from Mr Wright's contributions of native and adventive specimens collected in many parts of the country.

An annotated checklist of type specimens of native plants held in the herbarium is being prepared for publication in five parts in the *Records*. So far, I have undertaken the list of ferns and conifers and Mr Wright has written up the grasses. My paper on ferns and the work of Eric Craig appeared in the *Records* of December 1977. I also prepared descriptive notes on the rare and endangered plants featured on the 1978 Rank Xerox calendar.

During the year visitors to the herbarium included botanists from Botany Division, D.S.I.R. Christchurch and Lower Hutt and the National Museum, Wellington; also from Cambridge, England; Bulolo, Papua New Guinea; South Carolina; San Francisco and Syracuse. Miss K. Aziz, from Pakistan — a Ph.D. student at University of Auckland — has worked frequently on our collections of large-leaved *Coprosma*. Dr R. O. Gardner, a temporary assistant in the Botany

AIM Ann Report

1977 to 1978

Division Substation, D.S.I.R., Mt Albert, has also used the herbarium regularly in the course of various taxonomic revisions.

JEANNE H. GOULDING

Entomologist

The final stages of my insect checklist "A synonymic checklist of the Hexapoda of the New Zealand Sub-region. The smaller Orders" required continuous work throughout the year and occupied most of my time. Last additions and checking of galley proofs were completed in May. Page proofs of the text were checked and a substantial index completed by October; page proofs of the index were checked by early November, and the Checklist appeared as *Bulletin of the Auckland Institute and Museum* No. 11 in late December.

In the period 20 June - 16 July 1977, I took part in the Royal Society of New Zealand South Pacific Expedition. In preparation for the expedition, stores were sent to Wellington in early June for transport in the Oceanographic Institute vessel *Tangaroa* direct to the Lau Group, Fiji. Later in June expedition members flew to Suva then to Lakeba I. in the Lau Group where 10 days were spent collecting. The *Tangaroa* transferred four of us to Moce I where a further six days were available for collecting before the *Tangaroa* returned us to Suva. In the two collecting periods I was able to make extractions of leaf litter fauna as part of a South Pacific survey. This year, 1978, I have partly determined the terrestrial invertebrate material collected in the Lau Group and have completed a preliminary report for publication by the Royal Society of New Zealand. The opportunity to take part in this expedition and the assistance of many people are much appreciated.

Over the past few years I have endeavoured to recover many long term loans of insect material. Consequently large numbers of specimens have been returned and all loans made prior to 1970 have been recovered or replaced. These specimens are mostly identified and they now form a valuable part of our reference collection.

During the year the large Gilbert Archey collection of Chilopoda (centipedes) has been completely re-bottled in new vials with fresh preservative and County labels have been added.

Mrs J. Gurr has assisted in the insect room again in the past year and was largely responsible for preservation, labelling and preliminary sorting of Lau Islands arthropod material from the South Pacific Expedition.

Records of the Auckland Institute and Museum, Volume 14, was published on 10 December, 1977, and *Bulletin* No. 11 on 21 December. Changes in format were made in the title page and following information page of both the *Records* and the *Bulletin*; in particular, the information page now includes the International Standard Serial Number (ISSN) according to international practice.

K. A. J. WISE

Malacologist

The Department has continued to provide services to the public with identifications, advice on cleaning, collecting and preserving specimens, scientific literature and other pertinent information. I am grateful to Dr A. W. B. Powell for his continued assistance with enquiries relating to New Zealand Mollusca.

Collections of molluscan specimens have been received for identification from the Phuket Marine Biological Centre, Thailand, the Western Australian Museum, Perth, the Ruhr-University of Bochum, Germany, the Free University of Brussels, the National Science Museum, Tokyo, and the Anthropology Departments of Otago and Auckland Universities. Molluscs from deep water dredgings in Hawaii and Tahiti have also been examined, and this has resulted in the discovery of several new species. Assistance with taxonomic and related problems has been given to the Department of Paleontology, Western Australian Museum, Perth; Dr B. Sirenko, Academy of Sciences, Leningrad; Dr Radwanski, Warsaw University; Dr Waren, Goteborg University, Sweden and to Ph.D. students in zoology, University of Auckland.

Requests for loan of or information on types have been received from various institutions. In addition type specimens have been received on loan from: the British Museum (Nat. Hist.), London; University Zoological Museum, Copenhagen; Goteborg Museum, Sweden; Philadelphia Academy of Sciences; Smithsonian Institution, Washington; Tasmanian Museum and Art Gallery, Hobart; South Australian Museum, Adelaide; National Museum of Victoria, Melbourne; and Australian Museum, Sydney.

Paratypes of *Limatula powelli* Fleming, have been presented by Sir Charles Fleming, K.B.E. In addition, a comprehensive collection of Kermadec Islands molluscs has been presented by Mr Ian Gall, Wellington.

It is regretted that Mr & Mrs T. Mason's voluntary service to our Department has ceased with their recent move to Australia.

As a member of the 1977 Royal Society of New Zealand Pacific Expedition (20th June 1977 to 16th July 1977) I collected molluscs on the Lau Islands of Lakeba and Moce, and also on the N.W. coast of Viti Levu. A paper on the Mollusca of the Lau group has been completed and will be published this year in a report on the expedition by the Royal Society of New Zealand.

From the 11th January 1978 to the 8th February 1978, I visited several United States museums. The purpose of the trip was to examine and record material of families forming the subject of my current research projects and to examine literature not readily available in New Zealand. At the Smithsonian Institution, Washington, about 180 type-specimens of molluscs described by Gould (1845-1860) from the Pacific, by Dall from the west coast of America, by MacNeil from Miocene deposits of Okinawa, and by Ladd from Mio-Pliocene de-

posits of the Western Pacific were also examined and photographed. While at the Smithsonian I also attended a seminar on molluscan radiology. General collections of molluscs were examined at the Los Angeles County Museum, and at the Natural History Museum, San Diego.

Research during the year has dealt with newly discovered species in the Hawaiian Islands, molluscs of the Lau Group, Fiji, molluscs of the Kermadec Islands, and the classification of the Nassariidae. The third volume in my series "Tropical Pacific Marine Shells" has been completed and awaits publication at some time in 1978.

W. O. CERNOHORSKY

Honorary Research Associate in Mollusca

This has been a most frustrating year so far as finding possible avenues of publication of three very lengthy manuscripts is concerned. One for the International Treatise on Invertebrate Paleontology, accepted 10 years ago, has been revised and extended three times and will now require further work if and when the publishers decide to go to press. Another, a monograph of the subfamily Clavinae of the molluscan family Turridae, was completed four years ago and is now being updated, but there is little chance of it going to press in the near future: this is largely due to the size of the manuscript, over 400 typed pages and many illustrations. The third manuscript, an attempted complete alphabetic list of all turrid names, with references, runs to over 1,100 closely typed pages, and I am still looking for a likely publisher.

On the other hand my fifth edition of "Shellfish of New Zealand" (Whitcoulls) has been well received, with over 800 copies sold within the first two months of publication. A much larger work on the same subject (Collins (New Zealand)) is nearing completion and I am now awaiting corrected page proofs of the whole work.

Research is continuing on three papers on turrid systematics; one relates to deep water material from around New Zealand and the southern islands, another to the Red Sea area and the third to waters off Madagascar.

During the year much of my time has gone into tidying up, selecting and labelling, or discarding, material accumulated personally during my 60 years of association with the Museum. Requests for information, identification and loan of molluscan material still occupy some of my time both here at the Museum and at home.

A. W. B. POWELL

Marine Biologist

Following the completion of the Hall of Fishes and Whales, work was begun on the third provincial travelling exhibition, "Fishes of Northern Waters". Casts of approximately 30 species will be shown

in six display cases to provide for identification of common and less familiar fishes, together with information on aspects of their ecology. To assist in obtaining fresh material for the casts I arranged with the R.V. *Ikatere* to have specimens set aside from local trawl catches, much care being required to ensure good preservation; glaze freezing was used to minimise damage and dehydration during storage.

The continued supply of deep-water fishes and crustaceans from the R.V. *Shinkai Maru* and, more recently, R.V. *Kaiyo Maru* has again been of considerable assistance to our collections. A comprehensive coverage of specimens has been received, providing important information on the offshore fauna. Specimens and data have been incorporated with the main collections, and these have already been of use to various fishing interests in phasing future offshore operations.

The results of joint research with D. R. Robertson on the taxonomy of the New Zealand jack mackerels was published during the year. Research now in progress includes a review of kingfish speciation, and, concurrently with this, a project on host specificity and site selection in cymothoid fish parasites.

A pelagic fisheries conference sponsored by the Ministry of Agriculture and Fisheries, held at Tauranga, was attended in July. This was of much interest since so few opportunities are available for discussion between commercial fishermen, management staff and research workers. The programme included discussions on species to which the recent research of this department has been directed, trevally and jack mackerel.

During the six-months period of display of the anchor of de Surville's *St Jean Baptiste*, lectures covering aspects of the ship's maritime history and the recent recovery of the anchor were given to various groups, including naval cadets and school pupils. The anchor was dispatched for permanent display in the National Museum, Wellington, on 28th November, 1977.

A. B. STEPHENSON

Associate Ornithologist

Requests for identification of birds in and around Auckland have increased, often absorbing much of the two days weekly which I spend at the Museum.

The temporary loan system has been much used, especially during Conservation Week when specimens were required for displays by the Miranda Naturalists' Trust and Hauraki Gulf Maritime Park, as well as those used in the Museum's own stand. Artists are frequent borrowers, and more schools are making use of long-term loans.

A list of our holdings of Birds of Paradise was supplied to the Papua New Guinea Government, which is compiling a world-wide catalogue of birds of this group held in museums.

Other enquiries from overseas included a request for research material on the New Zealand Dotterel.

AIM Ann Report 1977 to 1978

We have continued to assist Mr R. L. Palma, Entomologist, National Museum, with material for his work on Mallophaga.

Skeletal material has been added, chiefly to the bird collections — the mammal series is still urgently in need of expansion.

SYLVIA REED

Librarian

The year has been a satisfactory one for the Library and the collections have been used by a wide range of enquirers. There has been a steady increase in the number of written enquiries, particularly from persons seeking genealogical information.

From September to December I visited Australia on an ANZAC Fellowship to study museum and historical research libraries. I was able to inspect 50 libraries, and the information gained should prove beneficial for our own Library. Mrs Drummond very ably deputised in my absence and, in addition, we were fortunate in obtaining the services of two former staff members, Miss Enid Evans and Mrs Lorraine Ricketts.

Statistics of Library use showed a slight reduction on last year's figures. A total of 8,336 persons used the collections and 6,460 books were borrowed by members; 2,422 books were added to the Library, a remarkable increase of 1,132 over the previous year.

As in the past years, the Library has benefitted greatly from donations by members and others. The wide range of these gifts is shown in the following examples: the Medical and Dental Library, University of Otago, copies of the New Zealand Medical Journal, 1935-1976; Mr H. M. Rodewald, a collection of 60 books relating to World War I; Mr D. K. Darrach, an extensive collection of yachting periodicals including *Sea Spray* and *Yachting Monthly*.

Many significant items were received on deposit and I should like to mention a few of these: the extensive collection of letters, books and photographs belonging to the late Mr A. J. Palmer was deposited by Messrs P. and A. Palmer (this collection relates in particular to Norfolk Island and the Melanesian Mission); descendants of the missionary, Charles Baker, deposited four manuscript journals, thus augmenting our strong holdings of Baker family papers; Mr Eric Young has deposited his large Egyptology collection, including books, periodicals and card indexes.

Also worthy of mention are several important collections which have been lent for copying: letters of James Hamlin, missionary at the Bay of Islands and Wairoa; Mr Gary Causer has lent for copying farm diaries kept between 1906 and 1968 by his great-uncle, Mr A. O. Causer at Maungaturoto; Baptismal, Marriage and Burial Registers for the Parish of Waimate, 1815-1843, lent by the Diocesan Office.

Although little time was available for cataloguing of manuscripts, 132 groups of papers were accessioned and fully catalogued. The manuscript collection now numbers over 1,000 separate groups of

papers and extensive use is made of this material by serious researchers. Two important accessions were: Minute Books of the Thames Valley and Rotorua Railway Company Limited, 1881-1889, presented by Mr D. C. O'Halloran; papers of the late Mr Bruce Palmer, Director of the Fiji Museum, presented by Mrs Helen Palmer.

Good progress has been made with the compilation of a subject index to more than 3,500 biographical entries in the Women's Archives Collection. I should like to thank Mrs Nash and the members of the committee who meet regularly to maintain this important collection.

The Photograph Collection continues to be the fastest-growing part of the Library. A total of 4,020 copies of photographs were supplied to Library users, 332 more than last year; 1,838 negatives and 919 prints were added to the Collection, compared with figures of 1,195 and 765 in 1976/77. An outstanding collection of photographs was donated by Lady Jordan: these relate, in particular, to the War years when Sir William Jordan was High Commissioner for New Zealand in London. Messrs P. Vos Ltd donated photographs of craft built at their Westhaven yards over a period of 40 years.

I am grateful to many Institute members who have continued to donate items for our Ephemera Collection. In particular, I should like to mention Mr J. E. Bellingham, Mr and Mrs W. R. Gamble, Mrs J. M. Gurr and Mr J. P. Webster. Donations such as theatre, music and sports programmes, greetings cards and menus are always welcome.

As in previous years, we are greatly indebted to our voluntary assistants, Mr S. G. Brooker, Rev. Dr A. B. Catley, Mrs P. Sayes, Mr L. A. Seymour and Miss Christina Troup. Some of the important tasks which they have carried out are: organizing all uncatalogued items in the Armed Services Collection; compiling of inventories for collections of manuscript papers; indexing of articles on Maori health in the New Zealand Medical Journal; indexing of the Church Gazette, 1878-1908. We have also been fortunate in obtaining the services of Misses Anna Maxwell and Acushla Bolger, seconded to the Library under the Labour Department's Temporary Employment Programme; they have considerably eased the pressure on the Library staff.

Finally, I should like to thank the following persons who have assisted in various ways: Mr Bruce Collier, Mr J. R. Lee, Mrs W. Macdonald, Mrs R. M. Ross, Mr R. G. Scott and Mr P. L. B. Williams. Mr J. P. Webster compiled an inventory to the A. J. Palmer Collection and continued the organization of items in the Lush Family papers.

In addition to the donors already mentioned, we acknowledge with thanks donations from the following: Abels Limited, R. G. Armstrong, Auckland Maritime Society, S. H. Baker, B. Ballara, S. R. Banyard, O. J. W. Barton, J. Beever, F. Birss, I. D. Bodle, N. H. Brewer, S. G. Brooker, Professor R. N. H. Bulmer, Reverend and Mrs J. S. G. Cameron, F. Cardon, W. O. Cernohorsky, J. Cole, B. P. N.

AIM Ann Report 1977 to 1978

Corban, D. A. Corbett, J. Coster, W. M. Cranch, Mr and Mrs P. D. Crump, H. D. B. Dansey, J. W. Evans, B. V. Fitzpatrick, Sir Charles Fleming, K.B.E., R. S. Fletcher, G. W. Frater, C. E. Galbraith, E. J. D. Gifford, J. W. Goodwin, C. M. Gordon, K. A. Griffiths, A. Hinkes, Lt.-Colonel A. R. Hughes, T. Jones, Professor R. F. Keam, Mr and Mrs P. A. Laurent, J. R. Lee, T. Lee, F. D. Leonardo, A. I. MacCulloch, Estate of J. Makgill, D. Mason, F. D. Mill, D. W. Munro, N. A. Northcott, A. H. O'Keefe, J. D. Osborne, Dr Mary S. Palmer, C. J. Parr, Dr J. Pearce, R. J. Pegler, K. Peters, M. B. Rands, W. L. J. Ringer, E. T. Roberts, J. Seabrook, P. W. Shirley, R. Short, R. B. Sibson, J. M. Stacpoole, K. Tarlton, F. C. D. Taylor, Dr R. M. S. Taylor, Mr E. H. and Mrs I. M. Thompson, Dr C. H. Thomson, Mr and Mrs E. G. Turbott, P. L. van Dijk, J. P. Webster, J. C. Wells, I. J. Whyte, P. Williams, P. L. B. Williams, Estate of D. L. Wright, R. Young; Mesdames E. Banks, D. Barker, H. E. Barlow, M. Beauchamp, R. T. Bishop, K. M. Boese, S. M. Briggs, F. B. Brown, J. Burgess, D. M. E. Clark, F. M. Corin, E. M. Elwell, J. Filbry, M. M. Fletcher, P. Gilchrist, M. Green, E. M. Henderson, L. Henley, S. B. Holt, M. Jackson, R. Kelly, J. M. Kirk, A. M. Laxon, E. Letts, M. Liddell, W. Macdonald, H. McMillan, B. Meadows, M. Nash, P. D. Pierce, S. Reed, I. Reeves-Currie, A. M. Ringer, S. I. R. Robertson, F. L. Sanderson, T. Semadeni, D. H. Shearsby, B. Smyth, L. S. Stephen-Smith, M. Townsend, M. Williams; Misses M. D. Braund, N. K. Brown, E. I. Cowan, J. M. Davidson, C. M. de Latour, A. Z. Dixon, M. D. Gillies, J. H. Goulding, M. L. Hurrey, F. M. J. Irvine, G. Johnson, R. Krueger, M. L. and R. McLeod, E. A. Mitchell, E. A. Oliver, M. G. Paterson, U. Platts, B. J. Purton, G. Rawlinson, G. White, V. Ziman.

I. G. THWAITES

Extension Service

The circulating displays continue as popular as ever. During the past year new displays have been opened at Kerikeri Public Library, Rodney County Council's new headquarters at Orewa, Glenfield Public Library, and in the Maori Affairs Department, Manukau City. I have requests for displays from Huntly Public Library and Rotorua Public Library. New display panels made during the year include two made for a temporary display at the Downtown Centre for Conservation Week: these were intended to show the concern that the pre-European Maori felt for his sea food resources, and the measures taken to ensure their conservation. In both panels the background made use of photo-murals, respectively a seascape highlighting fish specimens, and a shell bank against which shellfish were displayed.

There are now 77 panels and as they are changed four times a year, we have in theory, enough to supply a display site for 20 years; in practice, because the exchanges are limited to the five displays which happen to be in the Museum van when it calls, most places begin to

get occasional repeat displays after about ten years. At one stage it appeared that some of the older panels would have to be withdrawn because they had been on show at all sites, but with the growth of the service all displays now have an unlimited display life. However, we will shortly have to face extensive renovations to keep the older panels, some of which have been in service for 20 years, up to standard.

During my monthly trips to change the displays I make a point of calling on as many of the local museums as I can. The contacts made during these visits have proved invaluable in maintaining liaison with local organizations and in learning about their needs, and to give suggestions and advice when requested. In return, we receive visits from individuals or groups who are seeking information and training in museum matters. Such callers this year have included representatives from the Far North Regional Museum, the Huntly Historical Society, Wainui Historical Society, Rotorua Museum, Te Awamutu and District Museum, Kaikohe and District Historical and Mechanical Society, Whakatane Museum and Tauranga Museum.

The second travelling exhibition "Regional Variation in Maori Carving" has continued on its circuit. During the year it has been on display at Te Kuiti, Taumarunui, New Plymouth, Palmerston North, Te Kauwhata, Huntly, Waiuku, Papakura, Silverdale, Whangarei and Kaikohe. In each town the assembly, publicity, and supervision has been under the care of the local Museum or Historical Society. The exhibition has now been circulating for two years and the overall reaction to it has been very favourable; it will continue to move round Northland, where it will be shown in seven centres before being retired from circulation at the end of September.

The W.E.A. course "Know Your Museum" was held again, all available places being taken by the time it opened. Speakers were Mr Turbott, Mr Cernohorsky, Mr Simmons, Mr Bayliss, Mr Stephenson, Mrs Drummond, Mr Wise, Miss Davidson and Mr Ross-Lowe. Those attending the lecture expressed their pleasure at being able to hear experts speaking about their special interests; some said that they would have liked more lectures, while others said that they would have liked greater depth. This is a sign that the lecturers had captured their audience and as such is very welcome — however, a ten-week course is about the maximum for which we can expect regular attendances, and treatment of subjects in depth would suit only a few members of a class. The interests engendered by the lectures will, we hope, stimulate class members to seek in depth instruction from more appropriate sources such as the University's Continuing Education programme as well as from the Museum displays.

A calendar of exhibitions for 1978 was printed, circulation including members of the Institute as well as public libraries, and art and craft societies, throughout the Auckland area. We have had a busy exhibition programme during the past year as follows: Mangere Franklynne Garden Club Floral Exhibition; Hungarian Folk Art

AIM Ann Report 1977 to 1978

Exhibition; Fletcher Brownbuilt Pottery Award 1977; Pacific Wooden Artifacts; Mathex '77; 18th School Science Exhibition; Contemporary New Zealand Photography (Photo Forum); Auckland Studio Potters 14th Annual Exhibition; Auckland Bonsai Society Exhibition; Auckland Photographic Society Annual Salon; Basketry of the Pacific; Tapa of the Pacific. Thanks are due to all those who, by assisting with the assembly, display and supervision, made the exhibitions arranged by the associated societies possible.

A number of our publications have required reprinting. These include "Your Guide to the Museum" (15,000 copies were distributed during the year); "Asian Hall — a Visitor's Introduction" (10,000 copies distributed); "Translation of the Songs heard in the Meeting House" (10,000 copies distributed), and the guide to Centennial Street. The new leaflet prepared by Mr A. Esler "Common Trees and Shrubs of the Waitakere Range" has enjoyed an early success with 3,000 copies sold to date.

Planetarium attendances at public sessions have been: children 7,567; adults, 9,619, giving a total of 17,186. In addition, 174 special sessions were held for schools, and special lectures were given to Auckland Secondary Teachers' College students, a science course for advanced children, the Manukau Technical Institute, Greenlane Hospital Forum, W.E.A. Navigation courses, and various Scout and Girl Guide groups. Mr Freeth has written two new scripts for use in the Planetarium; these were recorded using professional facilities to produce programmes of high quality with a musical background and appropriate sound effects.

J. H. WADHAM

School Service

Summary of attendances for one-hour visits: Primary, 32,458; Intermediate, 7,546; Post-Primary, 6,509; total, 46,513.

Student teachers on Section: N.S.T.C., 19; Post-Primary teachers, 1; A.T.C., 25; total, 45.

Exchanges of Museum Loan cases: City, 660; Provincial, 1,545.

The total attendances for this year are 6,000 less than the previous year. This reduction is almost totally accounted for in a decline in first-term attendances. A similar pattern is reported by the Education Officers at MOTAT and the Auckland Zoological Park. The reasons for this fall off in first-term bookings is difficult to ascertain but may be due to the initial impact of increased bus fares and the general economic downturn. One notable feature of bookings is a marked increase in visits from out-of-city schools, i.e. from outside a line arbitrarily drawn north of Helensville, and south of and including Pukekohe; 3,306 pupils from this area attended in 1977, almost double the number for 1976.

The lighter teaching load in the first term enabled School Service staff to prepare a greater number of information sheets per teacher, an essential part of our Service which is often difficult to fulfill when

we have a full commitment with teaching. An addition to our loan request cases has been the preparation of sets of historical and ethnographic photographs which have been selected from the Museum's Library holdings. Teachers have shown a keen interest in borrowing these, and we will continue to increase their number and range.

The usual heavy demand for bookings in Terms 2 & 3 meant that many classes had to visit the Museum without assistance from School Service staff. Our policy remains firm that those groups which are booked earliest are given the fullest measure of assistance, while teachers who book later are required to conduct their own classes.

An addition to our staff is long overdue. The last addition was in 1957, when pupil hour attendances were 30,000/year. Since 1967, attendances have consistently exceeded 46,000 and have peaked at 64,000. The Auckland Education Board has been most sympathetic to our request for an additional staff member and has supported submissions to increase our establishment, but unfortunately the Education Department has not recognised this need.

Mr McCaw has completed a series of new cases on the nineteenth century Kauri industry, comprising Loco, Stationary Engine and Bullock Hauling. He has also prepared a series of panels in support of lessons on Pacific ethnohistory, and has refurbished some of our ageing cases which were prepared in the 1950's.

Miss Leahy resigned from her position this year to take up an appointment with the National Historic Places Trust. During her seven years at the Museum she gave excellent service to the many thousands of children in her classes. She was, in addition, most active in the preparation of teaching aids, carrying out research for the construction of loan cases and assisting in the formulation of policy for the Service in general. She also spent a year in the United Kingdom studying Museum School Services, completed an honours degree in Anthropology, and wrote four papers for the Museum *Records*. These achievements highlight her industry and the wide range of her interests, characteristics which contributed to her success as a Museum teacher.

The Director, Mr Turbott, has continued to give his fullest co-operation to our Service; his sympathetic understanding of our objectives has meant that we have been able to explore the full educational potential of the Museum Halls.

We wish also to acknowledge the assistance of the Principals of North Shore and Auckland Teachers Colleges, and the General Manager of the Auckland Education Board and officers of his staff.

W. K. A. BERRY

AIM Ann Report
1977 to 1978

Room 8
Haverick Primary School,
Willingby Ave,
Haverick,
Loughland
4th March, 1978.

Dear Museum Teacher, Thank you very much for showing us around the biology hall. I found out lots of things that I hadn't known before the trip. When I first got to the Museum I thought it would be really boring but it turned out to be just the opposite. The part I liked best was when I saw the machine that recorded earthquakes in fairly close places. A few days after that on Sunday my whole family went there and I could show them whereabouts everything was. The big elephant gave me a fright when I first saw him. I knew he was real because he had hoars. I really enjoyed the trip.

Yours sincerely
Francine Donnelly

Staff Publications

April, 1977, to March, 1978

Scientific

BANGERTER, E. B.

- 1977 New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium 3. *Rec. Auckland Inst. Mus.* 14: 57-62.

CERNOHORSKY, W. O.

- 1977 *Conus viola*, a new name for *C. violaceus* Reeve. *The Nautilus* 91(2): 72-73.
- 1977 Amendments to an application for designation of a type-species under the plenary powers for *Drupella* Thiele, 1925 (Gastropoda). *Z.N.(S.)* 1891. *Bull. zool. Nomencl.* 33(3/4): 190-191.
- 1977 Correzioni nella nomenclatura della famiglia Nassariidae nei mari d'Europa e nell' Atlantico Orientale. *La Conchiglia* 9(99/100): 3-4.
- 1977 A study on *Scutus antipodes* Montfort (Gastropoda: Fissurellidae). *Bull. Conch. Sect. Auckland Inst. Mus.* N.S. 2: 18-24.
- 1977 Correction to the nomenclature of *Bullia* (Gastropoda: Nassariidae). *Bull. Conch. Sect. Auckland Inst. Mus.* N.S. 2: 25-27.
- 1977 Note on two Pacific gastropods. *Bull. Conch. Sect. Auckland Inst. Mus.* N.S. 2: 28-31.
- 1977 The taxonomy of some molluscan species reported from New Zealand. *Rec. Auckland Inst. Mus.* 14: 87-104.
- 1977 The taxonomy of some Indo-Pacific Mollusca. Part 5. With descriptions of new taxa and remarks on *Nassarius albus* (Say). *Rec. Auckland Inst. Mus.* 14: 121-132.
- 1977 The taxonomy of some southern ocean Mollusca (Gastropoda) mainly Antarctic and Subantarctic. *Rec. Auckland Inst. Mus.* 14: 105-119.
- 1978 The date of publication of Anton's "Verzeichniss der Conchylien". *The Veliger* 20(3): 299.
- 1978 *Conus imperator*, *C. roseus* and *C. mus*. *Hawaiian Shell News* 26(1): 14.
- 1978 *Hawaiian Nassarius*. *Hawaiian Shell News* 28(1): 4.

DAVIDSON, JANET M.

- 1977 Western Polynesia and Fiji: prehistoric contact, diffusion and differentiation in adjacent archipelagos. *World Archaeology* 9: 82-94.
- 1977 The Ellis drawings: an ethnological viewpoint. *The Turnbull Library Record* 10 (2): 20-22.

DAVIDSON, JANET FOSS LEACH and —

- 1977 Fishing methods and seasonality at Paremata. *N.Z. Archaeol. Ass. Newsl.* 20: 166-175.

GOULDING, JEANNE H.

- 1977 Early publications and exhibits of New Zealand ferns and the work of Eric Craig. *Rec. Auckland Inst. Mus.* 14: 63-79.

AIM Ann Report 1977 to 1978

McKENZIE, M. E., S. M. REED and H. R. McKENZIE

- 1977 Variation in hatching to flying period of New Zealand Dotterel chicks. *Notornis* 24: 136-137.

ORCHARD, A. E.

- 1977 Taxonomic Revisions in the family Haloragaceae II. Further notes on Haloragis, Haloragodendron and Gonocarpus. *Nuytsia. Bull. Western Australian Herbarium* 2(3): 126-144.

STEPHENSON, A. B.

- 1977 *Metavelifer multiradiatus* (Regan, 1907) (Pisces: Veliferidae), a new record from New Zealand waters. *Rec. Auckland Inst. Mus.* 14: 143-144.

STEPHENSON, A. B., and D. R. ROBERTSON

- 1977 The New Zealand species of *Trachurus* (Pisces : Carangidae). *J. R. Soc. N.Z.* 7(2): 243-253.

WISE, K. A. J.

- 1977 A synonymic checklist of the Hexapoda of the New Zealand Sub-region. The smaller Orders. *Bull. Auckland Inst. Mus.* No. 11: 1-176.

General

BAYLISS, T. J.

- 1978 Introduction to "Tangata" Ministry of Foreign Affairs travelling exhibition of Brian Brake photographs of Maori carvings in New Zealand Museums. Pamphlets accompanying exhibition. 3p.
- 1978 Introduction to catalogue of "Craft New Zealand" presented by Queen Elizabeth II Arts Council and the Ministry of Foreign Affairs. 3p.

List of Benefactions made to the Auckland Institute and Museum

BUILDING FUNDS

Subscribed by the Citizens of the Auckland provincial area to the World War I Building Fund (including Government grant of £37,500)	£231,614 (\$463,228)	
Cenotaph Fund	£6,796 (\$13,592)	£238,410 (\$476,820)*
Subscribed to the World War II Building Fund (including Government war memorial subsidy of £162,500)		£469,839 (\$939,678)**
Subscribed to the Auditorium Building Fund (including Government grant-in-aid of \$10,000)		\$106,300†

* Including major grants of \$100,000 by the Auckland Savings Bank and \$20,000 by the Auckland City Council.

** Including major grants of \$103,000 by the Auckland Savings Bank and \$40,000 by the Auckland City Council.

† Including major grants of \$26,500 by the Auckland Savings Bank and \$9,000 by the Sir John Logan Campbell Trust.

Benefactions of an amount (or value)
exceeding \$100 (£50).

MONETARY GIFTS

1876	Auckland Citizens: £2,026 subscribed towards first building.
1878	Mr J. C. Firth: Donated £106 for show cases.
1884	Mr Edw. Costley: Bequeathed £12,150.
1887	Mr David Nathan: Bequeathed £100.
1897	Mr T. Russell: Donated £100 for geological specimens.
1901	Auckland Citizens: Subscribed £1,000 for Mair Collection.
1902	Mr E. A. Mackechnie: Bequeathed £2,500.
1906	Auckland Citizens: Subscribed £662 for carved houses.
1911	Auckland Citizens: Subscribed £684 for ancient carvings.
1913	Sir John Logan Campbell: Bequeathed £1,000.
1921	Institute Members: Subscribed £115 for Temple Bronzes.
1923	Sir Wm. H. Herries: Bequeathed £1,000.
1924	Citizens: Subscribed £698 for Maori collections.
1925	Institute Members: Subscribed £100 for Maori collection.
1926	Sir James Gunson Presentation Committee: Presented £118 for Maori collection.
	Mr David Goldie: Bequeathed £1,000.

AIM Ann Report 1977 to 1978

- 1927 **Mr F. Shaw:** Bequeathed £1,000.
1929 **Mr S. J. Ambury:** Bequeathed £250.
1934 **Mrs R. M. Wilson:** £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.
1940 **Mr Maurice Harding:** Bequeathed £500.
1941 **Mr Ormsby Gore Adams:** Bequeathed £100.
1942 **Mr J. A. Pond:** Bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
1944 **Mr E. Earle Vaile:** Gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
Mr R. C. Horton: Gave £200 towards extending the mineral collection.
Sir Albert and Lady Ellis: Gave £150 for Library book-cases. £428 received on account of a bequest by **Mr C. V. Houghton.**
Mitchelson Prize Fund: Increased to £100.
1945 **Mrs Bertha Wilson:** Gave £2,000 as an endowment for Cinematography.
Auckland Savings Bank: Gave £500 for improvements to Exhibition Halls.
Auckland Electric Power Board: Gave £100.
Mr R. C. Horton: Gave £70 for purchase of Georgian Silver Tea Set.
Sir Cecil Leys and Sub-Lieutenant T. H. Leys, R.N.Z.N.V.R.: Gave £500 for purchase of ethnographical specimens.
1946 **Mr E. Earl Vaile:** Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.
1947 **Auckland Savings Bank:** Centennial Gift of £5,000.
Mr A. V. Hanson: Bequest of approximately £2,000.
1948 **Mr E. P. Mitchelson:** Bequest of £1,000.
1950 **Mrs Sarah Ann Powley:** Bequest of £171.
Sir Cecil Leys: Bequeathed £1,000.
1951 **Mrs Bertha Wilson:** Gave £1,000 endowment for photography.
1952 **Mr James C. Entrican:** Bequest of £1,000 for numismatics.
1954 **Captain G. A. Humphreys-Davies:** Bequest of £500.
Sir Albert Ellis, C.M.G.: Bequest of £100.
1956 **Sir Alexander Johnstone, O.B.E., Q.C.:** Bequest of £500.
Sir William Goodfellow: £100 for early English ceramics.
Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
1960 **Auckland Savings Bank:** Gave £500 to furnish the Cheeseman Herbarium.
A Member: Gave £75 towards furnishing the Herbarium.
Mr W. B. Dixon Stroud: Gave £142 towards equipping and furnishing the Marine Zoology store and study rooms.
£1,000 received from an **Institute Member** to extend popular science publications.
1961 **Sir William Goodfellow:** £250 towards purchase of van; £150 for purchase of porcelain.
Mr L. J. Ayre: Bequeathed £852.
Auckland Savings Bank: Gave £600 for equipping the children's hobbies room.
Mr H. G. Atkinson: Bequeathed £685.
Dr J. A. Clinch: Bequeathed £500.
Anonymous: £500 for the memorial halls.
Miss E. L. Hellaby: £100 for the memorial halls.
Institute Member: £200 for exhibition halls.
Sir James Fletcher and colleague firms: Materials for equipping hobbies' room and staff room.

AIM Ann Report 1977 to 1978

- 1962 **Mr H. D. Buddle:** Bequeathed £1,000 and many books.
Sir John Logan Campbell Trust: £2,400 grant for display hall.
Miss E. L. Hellaby: £100 for memorial halls.
Mr John Seabrook: £250 for micro-film reader.
Mr W. B. Dixon-Stroud: \$6,000 for Dr Powell's molluscan research.
- 1963 **Messrs E. A. Astley and Sons:** £100.
Miss C. A. Atkinson: Bequeathed £53/14/2.
Auckland Savings Bank: £5,000 for new exhibition halls.
Sir John Logan Campbell Trust: £4,000 for new Hall of Ornithology.
Sir William Goodfellow: £100.
Miss E. L. Hellaby: £100 for memorial halls.
- 1964 **Miss E. L. Hellaby:** Donation of £100.
Miss Josephine McClymont: Donation of £200.
Sir John Logan Campbell Trust: £2,500 for exhibition hall.
Auckland Savings Bank: £2,000; administrative area, finishing.
Auckland Lions' Club: £116 for display case.
- 1965 **Auckland Savings Bank:** £2,000 for Maritime Hall.
Mr W. H. Cocker, C.M.G.: Bequeathed £100 for show-case to house collection of sake bottles and snuff bottles.
Miss E. L. Hellaby: Donation of £100.
Mr S. Klippel: Bequeathed £250.
Mr J. A. Stacey: Donation of £100.
Mr W. B. Dixon-Stroud: \$4,000 for Dr Powell's molluscan research.
- 1966 **Auckland Maritime Society:** £200 towards purchase of Lloyd's Register of Shipping.
Auckland Savings Bank: £2,000 for exhibition halls.
Sir John Logan Campbell Trust: £2,000 for lighting in exhibition halls.
Mrs E. E. Fraser: Bequeathed £2,619.
Miss E. L. Hellaby: Donation of £100.
Mr C. V. Houghton residuary estate: £627.
 £200 received on account of a bequest by **Mr W. T. King.**
Mrs J. McLennan: Bequeathed £1,000 as an endowment for visual aids equipment for school service.
- 1967 **Auckland Savings Bank:** £1,000 for entomological cabinets and equipment.
Sir John Logan Campbell Trust: £1,050 to commission portrait of Sir Winston Churchill by Edward Halliday.
Miss E. L. Donald: Bequeathed £500.
Miss E. L. Hellaby: Donation of £100.
Miss E. L. Hellaby: Bequeathed \$10,000 for furnishings and equipment for the World War II building.
Mr W. T. King: £955 as residue of bequest.
Mr C. E. Disney: Established the Disney Art Trust of £54,483, to enable Dominion Museum, Wellington, and this Museum to obtain Applied Arts material (particularly Oriental and European Applied Arts).
Milne and Choyce Ltd: The installation "Centennial Street", on the occasion of the firm's centenary; capital cost £8,300.
- 1968 **Auckland Savings Bank:** \$4,000 for Library furnishings, exhibition hall lighting and numismatic displays.
- 1969 **Dr Grace de Courcy:** Bequeathed \$1,000.
Mr H. K. McLeod: Bequeathed \$1,000.
- 1970 **Sir John Logan Campbell Trust:** \$2,000 to assist with the installation of Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 to provide equipment for the Marine Biology Department and for lighting in entomological displays.

AIM Ann Report 1977 to 1978

- Mrs M. Brien: Bequeathed \$200.
Mr J. A. B. Hellaby: Bequeathed \$2,000.
Miss I. T. Stennett: Bequeathed \$2,007.
Mr N. R. W. Thomas: Bequeathed \$200.
- 1971 **Sir John Logan Campbell Trust:** \$4,000 towards Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 towards Hall of New Zealand Birds.
Mrs M. J. Clare: Bequeathed \$500.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1972 **Sir John Logan Campbell Trust:** \$4,300 towards Hall of New Zealand Birds.
Auckland Savings Bank: \$3,500 towards Hall of New Zealand Birds.
Mr John Seabrook, C.M.G.: \$450 for sound equipment in Hall of New Zealand Birds.
Auckland Maritime Society: \$175 for renovation of ship models.
F. E. Jackson and Co. Ltd: Donation of \$100.
- 1973 Mr C. E. Disney: \$7,200 to establish a Hall of English Furniture.
Sir John Logan Campbell Trust: \$4,000 for improvements to the Special Exhibition Hall.
Auckland Savings Bank: \$2,500 towards Hall of New Zealand Birds.
Miss Edith McLeod: Bequeathed \$4,348.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1974 **Sir John Logan Campbell Trust:** \$4,000 for installation of acoustic ceiling in Hall of New Zealand Birds.
Auckland Savings Bank: \$2,500 for mobile shelving in Cheeseman Herbarium.
Mrs C. R. Ford: \$100 for display case to house the C. R. Ford Antarctic Collection.
Sir William Goodfellow: \$100 for display case to house the C. R. Ford Antarctic Collection.
- 1975 **Anonymous:** \$100 for Library binding.
Anonymous: \$400 for Exhibition Hall ventilation.
Auckland Savings Bank: \$3,000 towards Coffee Lounge extensions.
Miss R. B. Hellaby: Bequeathed \$2,000.
Kensington Carpets NZ Ltd: \$200 for research activities.
Scientific Research Distribution Committee, Lottery Board of Control: \$1,815 towards publication costs of Bulletin No. 7, "Archaeology in Western Samoa", Vol. II, ed. R. C. Green and Janet M. Davidson.
Sir John Logan Campbell Trust: \$5,000 for new lighting in the Maori Court, and purchase of items for the Maori and contemporary ceramics collections.
- 1976 **Anonymous:** \$500 for Library binding.
Auckland Savings Bank: \$3,000 towards publication costs of Bulletin No. 10, "Taxonomic Revisions in the Family Haloragaceae", by A. E. Orchard.
Scientific Research Distribution Committee, Lottery Board of Control: \$4,000 towards publication costs of Bulletin No. 10, "Taxonomic Revisions in the Family Haloragaceae", by A. E. Orchard.
Mr C. J. Shaw: Bequest of \$2,000 as an endowment for the purchase of natural history and ethnographical specimens.
Sir John Logan Campbell Trust: \$25,000 towards Building Restoration and Window Replacement Fund.
Mr K. E. Sutcliffe: \$100 for Library requirements.

SPECIMENS AND BOOKS

- 1876 **Mr R. C. Barstow:** Large collection of Maori articles.
- 1877 **Mr G. F. Edmonston:** 564 volumes of scientific works.
- 1878 **Mr T. Russell, C.M.G.:** 34 casts from the antique.
- 1878-83 **Mr J. T. MacKelvie:** 390 books and ethnology collection.
- 1887 **Mr C. O. Davis:** Valuable Maori collection.
- 1901 **Mr L. D. Nathan:** Japanese Shinto Shrine.
- 1913 **Mr Henry Shaw and Mr F. Shaw:** 172 scientific books.
Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
- 1915 **Dr C. E. R. Bucknill:** Collection of Old English Glass.
- 1916 **Mr Henry Shaw:** Collection of Japanese art.
- 1917 **Miss Ruth Northcroft:** Large Maori and Polynesian Collection.
- 1919 **The Misses Yates:** Collection of Indian weapons.
- 1920 **Mr James Dunning:** Collection of North American Mammals.
- 1921 **Mr W. A. Aldred:** Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethnographical collection.
- 1923 **Mr T. F. Cheeseman, F.L.S., F.N.Z.Inst.:** The Cheeseman Herbarium of native and foreign plants.
- 1924 **Mr Wm. Sutherland:** Melanesian ethnographical collection.
Mr A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr R. A. Meek: Ethnographical specimens from Bismarck Group.
Messrs Samuel Vaile & Sons: Large collection of Maori greenstone articles. **Sir Cecil Leys and Mrs Selwyn Upton:** The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr T. W. Leys.
- 1925 **Mr F. Crossley Mappin:** Valuable Maori and South Pacific exhibits.
- 1926 **Mr Geo. F. Webster:** Valuable Maori antiquities.
Mr H. R. Butcher: Collection of British coins.
Mrs E. M. Ball: The Thos. Ball Zoological collection.
Mr F. Crossley Mappin: Ancient Chinese ceramic specimens.
Mr Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 **Mr F. Crossley Mappin:** Valuable Maori carvings.
Mr Moss Davis: Valuable ethnographical specimens.
- 1928 **Sir Cecil Leys and Mrs Selwyn Upton:** Unique and richly carved feather box.
Mr J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr Harry Kinder: The Dr Kinder Collection — Maori and Melanesian.
Mr E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
Mrs S. J. Lushington: Large collection of mollusca.
- 1929 **Mr T. H. Barstow:** Maori canoe prows and stern posts.
Mr W. R. McGregor: New Ireland carved memorial figures.
Mrs, Miss and Mr A. N. Cooper: The Charles Cooper collection of mollusca.
Rev. W. H. Webster: Large collection of mollusca.
Mr C. E. Clarke: Large collection of N.Z. insects.

AIM Ann Report 1977 to 1978

- Executors **Mr W. M. Cole**: Stone and Bronze Age artifacts.
Miss Webster and Mr G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 **Mr John Kenderdine**: Large collection of books and pamphlets, including rare early New Zealand works. **Mr H. E. Vaile**: A large collection of Maori implements and greenstone ornaments. **Mr Moss Davis**: Selected Maori exhibits; also porcelain and ivory. **Mr L. J. Matthews**: Two specimens of Moa eggs. **Dr L. Cockayne**: Large collection of N.Z. plants.
- 1931 **Sir Cecil Leys and Mrs Selwyn Upton**: Valuable Maori antiquities; additions to the Dr T. W. Leys collection. **Mrs S. J. Lushington**: Collection of Silver and Sheffield Plate. **Mrs A. C. Lennard**: Collection of English porcelain.
Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 **Mr H. S. Dudley**: Large and valuable collection of Oriental Arts. **Mr Moss Davis**: British Gold and Silver Coins and European Ivories and Bronzes. **Hon. Sir James Parr**: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 **Vaile Collection**: Additional gift of many valuable Maori antiquities. **Mr W. Goodfellow**: Extensive ethnographical collection from Northern Melanesia.
- 1934 **Miss Eleanor Brown and Mrs Geo. Brownlee**: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
Messrs R. B. and G. Matthews: The H. B. Matthews Herbarium.
- 1935 **Mr F. Crossley Mappin**: Maori Specimens, including handsomely carved sternpost.
The Admiralty: Model of H.M.S. New Zealand.
- 1936 **Captain G. Humphreys-Davies**: Large and valuable collection of Chinese pottery figures. **Mrs T. G. Russell**: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. **Mr E. Earle Vaile**: Valuable Maori hei-tiki and Rapa Island stone artifacts. **The Estate of the late H. E. Vaile**: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 **Mr E. Earle Vaile**: Collection of ethnographical specimens and six Italian bronzes. **Sir Algernon Thomas**: Library of scientific books and papers.
- 1938 **Mr E. Earle Vaile**: Gift of many early New Zealand books and journals. **Mr J. R. le B. Tomlin**: Gift of valuable early editions of natural history works. **Mr F. Crossley Mappin**: Early Chinese Pottery and Bronzes.
- 1939 **Mr E. Earle Vaile**: Maori carvings, large Melanesian collection and gifts to the Library. **Mr J. R. le B. Tomlin**: Gift of early Worcester china and early works on natural history. **Mr W. Goodfellow**: Large Melanesian collection.
- 1940 **Mrs N. Kettle**: Bequeathed seven water colours by the late Major G. F. von Tempsky.
- 1941 **Mr H. R. Jenkins**: Historic anchor associated with the ill-fated H.M.S. Bounty. **Mrs T. G. Russell**: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
Mr Ormsby Gore Adams: Bequeathed cinema camera, photographic equipment and nature films.

- 1942 **Mrs A. A. Richardson:** The late Mr J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 **Captain G. A. Humphreys-Davies:** His extensive and valuable collection of Chinese arts. **Mr E. Earle Vaile:** Large collection of books and pamphlets on exploration and early life in the South Pacific. **Mrs W. H. Hemingway:** The late Mr Hemingway's display and cabinet collections of insects. **Colonel the Hon. F. Waite, D.S.O., M.L.C.:** Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 **Mrs B. Quigley and Miss E. Kenderdine:** Large number of books on early New Zealand history. **Mr E. Earle Vaile:** Collection of works on South Pacific exploration and New Zealand history. **Captain G. A. Humphreys-Davies:** Ancient Chinese bronze sculpture. **Mr J. C. Entrican:** Large collection of Eastern Polynesian stone implements.
- 1945 **Mr W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
Mr Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
Mr Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke".
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1949 **Mr and Mrs J. Yock:** Old English sterling silver salver.
- 1950 **Mrs J. P. Campbell:** Eighteenth century inlaid sideboard.
Mr Wm. Goodfellow: Delft vase and other early ceramics.
Mr V. J. Larner: Early china and delft vase.
- 1951 **Mrs Goldie:** Twenty portraits of Maoris by the late Mr C. F. Goldie.
Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
Mr W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 **Mr E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.
Sir Frank Mappin: Eighteenth century silver and Sheffield plate.
New Zealand Insurance Company: Suite of large cabinets and library furniture.
Mr William Goodfellow: Three Maori portraits by Lindauer.
Sir Carrick Robertson: Collection of Zulu ornaments.
Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.

AIM Ann Report 1977 to 1978

- 1954 **Mrs Robert Cooper:** Collection of botanical books and bookcases.
Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
Mrs P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr W. S. Nelson.
- 1955 **Dr J. A. Clinch:** English silver and Sheffield plate.
Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary, K.B.E.
Mrs A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
Mr C. Roose: Set of 2,000 charts of the Pacific.
Mr G. J. H. Ovenden: Full set of publications of Palestine Exploration Fund.
Wellcome Museum Trustees: Extensive selection of ethnological specimens.
- 1956 **Miss E. Blumhardt:** Large set of her paintings of native flowers.
The Misses C. M. and I. F. Stewart: Collection of Maori greenstone ornaments and weapons.
Sir Ernest Davis: Portrait of H.M. the Queen.
Mr John Pybus: Five moa skeletons from Waitomo district.
- 1958 **Rev. Canon Hubert Jones:** Sets of English West-County history.
- 1959 **Mrs R. Rose:** English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
Dr Marjorie Young: Collection of ethnographical specimens from New Guinea highlands.
Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.
- 1960 **Farmers Trading Company:** Jubilee gift of a Spitz Planetarium with full range of accessories, the planetarium building and furnishings.
Sir Ernest Davis: Portrait of Lord Freyberg.
Sir Frank Mappin: Two oil paintings for council room and exhibition hall.
Mr L. J. Ayre: Extensive philatelic collection and a monetary bequest.
Miss Lina V. Bruce: 18th century north country spinning wheel.
Mrs Susan Payne: Library cabinets, philatelic and ethnographical collections.
- 1961 **Mr Leo White:** Series of coloured wall display photographs of Auckland.
Auckland Citizen: Portrait of His Excellency the Governor-General.
Northern Steamship Company: Builder's model of "Whakatere" and "Manaia".
Union Steamship Company: Builder's model of "Ormonde".
- 1962 **Mrs Blanche Halcombe:** Books, collections of native birds and ethnological articles.
Sir Ernest Davis: Large model sailing ship.
Mrs E. E. Goodhue: Collection of Northland greenstone ornaments.
Miss M. F. Hoole: Bequeathed a Sheraton sofa table.
Dr and Mrs J. L. Newman: Large Chinese silk and gold embroidery.
The Countess of Orford: Water colour drawing of Auckland by J. C. Hoyte.
Mrs G. R. S. Fisher: Notable examples of early English-Continental lace.
- 1963 **Sir John Logan Campbell Trust:** Library furnishings.
Mr W. Kingsley: Collection of books on Naval history.

AIM Ann Report 1977 to 1978

- Mr E. F. Hilton:** Large collection of shells including rare species; Northern Australia and Tropical Pacific.
- 1964 **Miss J. Winifred Shaw:** Chinese lacquered work-table.
Sir James Gunson: Silver model of first War Memorial building.
Mr L. Alfred Eady: Early Collard piano.
Mr Peter A. N. Nathan: Chinese carved screen.
Mr Lacy K. Neilson: Maori carved pataka base.
Mr A. D. W. Walcott: Merlin air engine.
New Zealand Insurance Company: Board-room tables, chairs and book-cases.
Mr C. W. Hawkins: Models of Auckland sailing ships.
Mr N.R. W. Thomas: Set of book-shelves.
Mr C. A. Gordon: Bequest of several thousand books.
Mr R. B. Sibson: Descourtilz, Ornithologie Bresilienne.
Mr E. J. Mitchelson: Dressing table of New Zealand woods.
Mrs Doris Gordon and Miss Gladys Holman: Drawings by John Johnson, first Colonial surgeon.
Mr W. H. Cocker, C.M.G.: Collections of Japanese sake bottles and snuff bottles and £100 for show-case.
- 1965 **Mr P. A. Lawlor:** Walpole collection: books and pamphlets.
Mr James Pascoe: Two Dresden vases.
Lady Richmond, Mrs H. Kinder, Mr P. B. Phillips: Nine paintings of vessels of the Craig Line.
Mr J. F. Stewart: Tokipoutangata, mere pounamu and kotiate.
- 1966 **Auckland City Council:** Collection of three-dimensional items formerly part of the Old Colonists Museum.
- 1967 **Mr Noel Cole:** Portrait of Sir Peter Buck (Te Rangi Hiroa).
Mr V. C. Cooper: Collection of New Zealand and Australian stamps.
Lady Mappin: Georgian ball gown.
Sir Frank Mappin: Collection of European arms and armour, and oak dining table.
Royal New Zealand Navy: Model of H.M.N.Z.S. "Royalist", ship's book and other relics of H.M.S. "Philomel".
- 1968 **Mr R. W. W. Archer:** Set of New Zealand coins for each year issue up to 1965.
Auckland Studio Potters: Collection of Japanese pottery, and two studio pots by Michael Cardew.
Mr C. E. Disney: Turkish plate.
Mrs Helen Mason: Collection of studio pottery.
Mr D. MacAlister: Collection of Staffordshire pottery.
- 1969 **Wilson and Horton Ltd:** Comprehensive set of files of the "New Zealand Herald", "Weekly News", "Southern Cross", "New Zealander" and other early Auckland newspapers.
- 1970 From an **anonymous** gift for purchase: Collection of Persian carpets, 17th-18th century; collection of Asian ceramics.
- 1971 **The Cozens family** (per the Misses E. M. and E. L. A. Cozens): Collection of Pacific ethnographic material collected by the late Captain G. Cozens.
Mrs M. M. Dunningham: Han Period painted water pot, 2nd century B.C.
- 1972 **The Rt Hon. Sir Harold Barrowclough:** Portrait in oils by William Dargie.
Mr D. J. Quigley: Ngati Whatua door lintel, South Kaipara Head.
Mr Rewi Alley: Che'eng Hua enamel bowl.
Mr R. V. Roberts: Collection of ornithological books and periodicals.

AIM Ann Report 1977 to 1978

- 1973 **Mr E. M. Fenton:** 17 pieces of English pewter.
Dr C. A. Fleming: Set of Mathews "Birds of Australia".
Mr C. R. Ford: Medals awarded to the late C. Reginald Ford — Polar Medal 1902-04, Royal Geographic Society Medal for Antarctic Discovery, George V Jubilee Medal. Antarctic equipment, papers and sketches.
Mr R. Henwood: Ngapuhi carved door post, Kaikohe.
Sir Leonard Isitt: Instrument of Surrender and other Documents relating to the Japanese surrender on 2nd September, 1945, signed on U.S.S. "Missouri".
Dr and Mrs B. Johns and family: Persian animal carpet.
- 1974 **Mr J. C. Fenton:** Comprehensive collection of English pewter; collection of English 17th and 18th century furniture and clocks.
Family of the late John Waldie: French provincial chest, Queen Anne table, Chinese punch bowl.
Mr C. G. Hall: Silver tea service, given in memory of the late John Waldie.
Mrs W. H. Ross-Lowe: English 18th century serpentine-fronted chest of drawers.
Royal New Zealand Yacht Squadron: First yacht of M Class, "Mawhiti I".
- 1975 **Mr A. G. W. Dunningham:** The Margaret M. Dunningham Collection, comprising material from India, Nepal, Tibet and South-East Asia.
Mr L. W. Tattersfield: Bolex 16mm camera and accessory fittings; Leica 35 mm camera with set of lenses and accessories; general photographic equipment.
- 1976 **Mr T. E. Clark:** Han Dynasty "hill jar".
Mr A. G. W. Dunningham: For the Margaret M. Dunningham Collection four large Balinese folk art paintings.
Mr John Seabrook, C.M.G.: Propeller of World War I S.E.5A single seater fighter aircraft.
Samuel Vails and Sons Ltd (in commemoration of the firm's centenary): *Patu onewa* from the Thames district.
Mr G. A. Wooller: Comprehensive collection of African trade beads.

Benefactions of an amount (or value)
exceeding \$200.

MONETARY GIFTS

- 1977 **Auckland Savings Bank:** \$5,000 towards Window Replacement Appeal Fund.
Mr C. V. Houghton residuary estate: \$600
Scientific Research Distribution Committee, Lottery Board of Control: \$5,000 towards publication costs of Bulletin No. 11, "A Synonymic Checklist of the Hexapoda of the New Zealand Sub-region: The Smaller Orders" by K. A. J. Wise.
Sir John Logan Campbell Trust: \$5,000 as first instalment of a total of \$51,000 towards the installation of "Auckland — Past and Future Landscapes".

- 1978 **Auckland Savings Bank:** \$4000 towards installation of wheelchair ramp.
Mr R. Court: Cost of curtaining in Hall of the Pacific, including installation.
R. T. Sheppard and Co. Ltd: \$500 for research activities.
Sir John Logan Campbell Trust: \$15,000 as second instalment of a total of \$51,000 towards the installation of "Auckland — Past and Future Landscapes".

SPECIMENS AND BOOKS

- 1977 **Mr T. E. Clark:** Yuan Dynasty storage jar.
Mr A. G. W. Dunningham: For the Margaret M. Dunningham Collection 43 Balinese items, including material from the Balinese Folk Art Exhibition 1974-75; additional items from India, China and Indonesia.
Miss J. H. G. Gollan: Bequeathed a 17th century sterling silver mug, Queen Anne sterling silver mug and Jean Gautier silver travelling watch.
Mr and Mrs G. F. A. Lewin: Bequeathed a collection of 18th century English table glass.
Mrs I. Worthy: Representative collection of Queensland and Great Barrier Reef Mollusca.
- 1978 **Professor J. Golson:** Extensive New Zealand archaeological collection.

AIM Ann Report 1977 to 1978

ACCESSIONS 1977-78

- Mr R. Allan: Two pieces of embroidery and two ostrich feathers.
 Anonymous: Collection of medals.
 Mr G. Arcus: Collection of New Guinea artifacts, clothing, ornaments, etc.
 Auckland Studio Potters (Betty Colson Memorial Collection): 11 pieces studio pottery.
 Mr J. R. Beattie: Webley revolver and leather holster.
 Mrs Irene Bennett: Carved head of poutokomanawa.
 Mrs Elizabeth Bodai: Hungarian handcrafted blanket.
 Mr Brian Brake & Mr Aman Lau: Ban Chien sherd.
 Mr S. G. Brooker: World War I souvenir: brass serviette ring with crest of Armentières.
 Mrs B. Brookes: Collection of 18th Century clothing.
 Mr T. Brown: Tin of coloured tapers.
 Mrs R. G. Bryce: N.Z.A. Nursing Service uniform.
 Mrs Rene Bycroft: Policeman's baton.
 Mrs A. J. Carter: Pheasant, mounted.
 Mrs A. V. Cheeseman: World War I field dressings and iodine ampoule.
 Estate of W. A. Chenery: World War I helmet; 17th Century breast and back plate and helmet; shot flask; powder horn; firearms; 22 swords; pikes; Simson revolver.
 Mrs W. K. Churchouse: Eric Craig fern album with carved wood cover.
 Miss Clarke: Wax fruit under glass dome.
 Mr E. Clayton-Grieve: Korowai and feather cloak c. 1850.
 Dr H. Collinson: Collection of gold jewellery and four glass necklaces.
 Estate of Annie MacGregor Connelly: Coat and two woven baskets.
 Mrs M. Corin: Lady's companion set.
 Miss J. Dickinson: Stone adze.
 Mr G. Dil: Stone adze.
 Miss A. Z. Dixon: Silver cigarette case.
 Mrs S. H. Dixon: Persian copper pot.
 Mr G. Dorman: Ashanti talking drum.
 Miss M. D. Edwards: Old fern album.
 Mr J. W. Evans: Turkish sniper's belt.
 Mr R. E. Fenton: Album of dried ferns.
 Estate of Mary Stuart Finlayson: Collection of mounted exotic butterflies, moths and beetles.
 Estate of Mrs E. M. Y. Fleet: Five pieces of English Pottery.
 Sir Charles Fleming, K.B.E.: Series of cicadas; New Zealand bird skins.
 Mr and Mrs J. D. Fletcher: Souvenir handkerchief.
 Miss I. K. Forrest: Lace edgings, shawls, veils and bonnets.
 Mr W. I. L. and Miss O. M. Foxcroft: Niello ware christening mug.
 Mr J. Framm: African leather shield.
 Mr I. Gall: Collection of Kermadec Island molluscs.
 Mr C. Goldsmith: Carved walking stick.
 Miss J. Goulding: Doulton plate.
 Lt.-Colonel and Mrs G. T. Haines: Kiwi feather purse.
 Mrs D. M. Hamilton: Gold-embroidered silk banner.
 Mr N. H. Hanna: Webley revolver.
 Mr R. K. Harris: Wooden carving and colonial articles.
 Mrs Dora Hessel: Wedgwood creamware plate and compote.
 Estate of James Holehouse: Knife in sheath.
 Mr G. F. Hookey: Wooden grubber.
 Mr T. Horan: Cutting knife; stone adzes; fishhook; file.
 Mr J. Hutton: Mercury vapour insect light trap and equipment.
 Mrs P. Hynes: Red slippers.
 Mr R. Jeffery: Greenstone pendant.

- Lady Jordan: Sir William Jordan's Privy Councillor Dress uniform and Boer War Sergeant's tunic; photographs; two chairs used in Westminster Abbey.
- Mr C. Jull: World War II Japanese silk flag.
- Mrs A. Kearney: Specimen of *Dactylanthus taylori*.
- Mrs B. Kennedy: Carved figure; Chinese coins.
- Mr R. E. Kilby: Worked wood.
- Estate of S. T. Kronfeld: Stone adze.
- Mrs A. M. Lawless: Meerscham pipe.
- Mrs M. W. Lawson: Lidded bowl; tiles; Yi H'sing teapots (2); lacquer card box.
- Miss A. Leahy: Obsidian flake.
- Mr C. Logan: Coins and bank notes.
- Mr John MacDonald: Porcelain plate; jug c. 1816.
- Mr A. H. Mackay: Victorian nightdress, underwear, dress shirts.
- Mr J. S. G. McLanachan: Ashanti stool.
- Mrs K. Melton: World War I leather leggings and souvenir scarf.
- Mr and Mrs F. J. Middleton: Two World War I medals awarded to Percy Edwin Calver.
- Mr I. J. Moggach: Cannon ball.
- Miss Virginia Myers: Film strip made by the late Mr W. H. Hemingway, showing his travels in Australia.
- New Zealand Society of Potters: Pitcher and six goblets; bookstop; red goblet; large bowl; off-centre bowl (all made by Alan Caiger-Smith).
- Mr F. Nichless: Two Luger pistols.
- Mr T. Noakes: Collection of Chinese, Vietnamese and Tai sherds.
- Mrs Parsons: Linen bedsheet.
- Mr A. J. Payze: Fossilised cocoons of weevil immatures.
- Mr H. J. Pereira: Japanese prayer sash.
- Estate of Benjamin A. Perry: Pair of green glass vases.
- Mr M. Pendergrast: Masks; undershirts; fibre suit of armour.
- Miss T. Provan: Roll of black tape from Milne & Choyce, Haberdashers.
- Miss J. M. Purdy: Tapa cloth.
- Mr W. E. Riddell: Collection of flags.
- Mr N. S. S. Roberts: Bellows; crocodile vanity case.
- Mrs C. L. Ross: Handbags and hair ornaments.
- Mr M. M. Ross: 19th Century seal.
- Mr W. H. Ross-Lowe: Sehna floor rug.
- Mr R. J. Rowe: Collection of New Zealand dragonflies and other insects.
- Mr John Seabrook, C.M.G.: Framed photograph of Wing Commander S. Grant Dalton, D.S.O. & Bar, A.F.C.; framed photograph of moon's surface, signed by Astronaut Harrison W. Schmitt of Apollo XVII; framed photograph of Captain Guynemer; framed engraving "Sir Robert Calder's Action, July 22nd, 1805".
- Mr and Mrs N. M. Shelley: Wooden wahaika.
- Mr J. Stephenson: Graphite block.
- Mrs E. M. Thomas: Taiaha; tewhatewha; tao.
- Mrs Alice Towers: Collection of regimental badges and buttons.
- Mrs M. Townsend: Wooden club.
- Mr T. Turoa: Weeder.
- Mrs C. M. Vialoux: World War I Medals of Hugh L. Ross.
- Mrs Monica Wiesner: Pottery jug with handle.
- Mrs E. C. White: African material.
- Mr P. Williams: Pendant; saxhorn; euphonium; large piece kauri gum; kauri gum in shape of prayer book; purchase document.
- Mrs H. Wood: Blue-and-white cup.
- Mrs Ida Worthy: Extensive collection of Queensland and Great Barrier Reef Mollusca.
- Mr J. W. Yearbury: Double Marquesan stone figure.

AIM Ann Report 1977 to 1978

Mrs M. J. Yllander: Uniform of the late Chief Petty Officer F. G. A. Yllander, U.S.N.R.

Mrs A. Zorn: Tongan carvings; English biscuit ware figure.

Storm-killed, accidentally killed and cage birds; Mrs M. Alexander; Auckland Acclimatisation Society; Auckland Zoological Park; Mr M. Bierbooms; Mrs C. L. Black; Mr K. Bond; Miss L. Cheal; Mr P. Crombie; Mr D. Davey; Mrs V. M. Doyle; Mrs G. Eller; Mr W. Friith; Mr A. Habraken; Mrs Hale; Dr W. M. Hamilton; Mr T. Harty; Mr H. Hawthorn; Mrs P. Howlett; Mrs P. A. Hulse; Miss Hunt; Miss A. J. Goodwin; Mr T. Jenkins; Mrs Joyce; Mr J. Kregting; Mr P. W. Letcher; Mr A. McCullough; Mr I. O. McLeod; Mrs A. J. Messenger; Miss A. Noordhof; Mrs E. Power; Mr L. B. Reed; Mr M. Reed; Mrs S. M. Reed; Mrs J. M. Redfern; Mrs J. S. Roberts; Mr A. Ringer; Mr K. Rusden; Mrs Russell; Mr F. Short; Mr D. Stephenson; Mr M. B. Thorpe; Mr M. J. Taylor; Mr T. B. S. Taylor; Miss V. Taylor; Mrs T. Thomas; Mr D. Tuohey; Miss E. Watson; Mr T. Webster; Wildlife Service; Mr C. Williams; Mrs K. M. Wynyard; Mr B. E. Young.

BALANCE SHEET AS AT 31st MARCH, 1978

E. G. TURBOTT
Treasurer.

AIM Ann Report
1977 to 1978

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st March, 1978

EXPENDITURE			INCOME		
		1978 \$		1978 \$	1977 \$
Salaries and Wages	340,720		Contributions from Local Authorities —		
Retiring Allowances	—	290,090	Metropolitan and Provincial		
Superannuation	18,961	3,577	Statutory	433,630	365,000
		16,895	Provincial Voluntary	6,125	6,306
		359,681		439,755	371,306
Administration Expense —					
Audit Fee	1,185	1,178	Subscriptions —		
Cleaning, Laundry and Custodial	4,696	4,101	Life Members	1,200	1,280
Councillors' Travelling	435	208	Annual	5,510	5,205
Freight and Cartage	306	171		6,710	6,485
General	7,135	5,159	Donations —		
Heating, Lighting and Water	9,800	6,319	Miscellaneous	379	543
Insurance	3,579	3,559			
Legal Fee	1,490	360	Rent, Interest and Dividends —		
Postages, Telephones and Inter-com.	7,491	5,565	Trusts	1,976	1,694
Printing and Stationery	9,236	8,504	General Endowments	2,569	2,089
Rates — Auckland City Council	18,024	15,436	General Funds	10,512	3,689
Travelling	2,539	2,100		15,057	7,472
		65,916	Income from Sales and Services —		
		52,660	Coffee Lounge, net	15,984	185
Preservation and Display —			Exhibition Hall	209	244
Preservation Material	1,571	703	Guided Tours	80	101
Preparation and Taxidermy	3,141	1,295	Planetarium	3,603	3,375
Extension Service	3,100	2,182	Publications	5,379	2,583
Special Exhibitions	1,564	740	Shop, net	26,199	19,605
Photography	1,447	945	Special Exhibitions and Sundry	2,017	92
		10,823		53,471	26,185
		5,855			
Institute —					
Expenses	4,480	3,287			
Subscriptions Written Off	298	330			
		4,778			
		3,617			
Repairs and Maintenance —					
Building	11,958	5,736			
Electrical Fittings	5,273	3,788			
Showcases and Furniture	840	538			
Equipment and General	3,238	1,689			
Windows	15,000	8,000			
		36,319			
		19,751			

Depreciation of Motor Vehicle	750	750		
Sales and Services —				
Auditorium, net	550	69		
Unauthorised Expenditure —				
Entertainment of guests, etc.	266	162		
Balance transferred to Appropriation Account	36,289	18,555		
	<u>\$515,372</u>	<u>\$411,991</u>	<u>\$515,372</u>	<u>\$411,991</u>

APPROPRIATION ACCOUNT
For the Year ended 31st March, 1978

	1978	1977		1978	1977
	\$	\$		\$	\$
Capital Expenditure from Revenue	22,241	14,647	Balance from Income and Expenditure A/c.	35,289	18,555
Capital Expenditure from Reserves, etc.	14,886	6,003	Transfers from —		
Capital Expenditure from Trusts	767	677	L. J. Ayre — Philately	31	17
General Endowment	2,000	—	Building Maintenance Reserve —		
Life Members' Subscription Endowment	1,200	1,280	Coffee Lounge Extension	—	1,194
Publications Reserve	5,379	2,583	Disney Fund — Specimens	3,450	3,294
Specimen Purchase Fund	3,000	—	J. C. Entrican — Numismatics	46	—
Exchange Loss on Australian Investment	122	288	Exhibition Hall Ventilation Fund	—	179
Loss on Realisation of Group Investment	179	—	Government Grant —		
Balance carried down	2,668	320	Exhibition Hall Ventilation	—	750
			Leys — Ethnographic Specimens	275	—
			Sir John Logan Campbell Trust —		
			Exhibition, Auckland's Environment	3,098	—
			Mackechnie Library Bequest	280	650
			Specimen Purchase Fund	3,930	571
			Sword Purchase Fund	—	15
			Edward Earle Vaile Endowment	179	—
			Wheelchair Ramp —		
			Auckland Savings Bank	4,000	—
			Mrs J. A. Crum	134	—
			Bertha Wilson — Photography	410	—
			Balance brought down	320	563
	<u>\$52,442</u>	<u>\$25,798</u>		<u>\$52,442</u>	<u>\$25,798</u>

STATEMENT OF TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Capital Balance 1/4/77	Income Balance 1/4/77		Interest	Other Receipts	Total Income	Payments	Detail	Income Balance 31/3/78		Capital Balance 31/3/78	Total Balance
		Dr	Cr						Dr	Cr		
TRUSTS												
Accumulating Endowment	2,436.76			170.57		170.57					2,607.33	2,607.33
H. G. Atkinson — Research	1,478.48	338.45		103.49		103.49			441.94		1,478.48	1,920.42
L. J. Ayre — Philately	1,777.92	107.01		124.46		124.46	31.12	Appn. A/c.	200.35		1,777.92	1,978.27
J. C. Entrican — Numismatics	2,000.00	1,090.53		140.00		140.00	46.00	Appn. A/c.	1,184.53		2,000.00	3,184.53
Mackechnie — Library	4,000.00			280.00		280.00	280.00	Appn. A/c.			4,000.00	4,000.00
Janet McLennan — School Service	2,000.00	1,088.96		140.00		140.00			1,228.96		2,000.00	3,228.96
Mitchelson Prize	400.00	273.81		28.00		28.00			301.81		400.00	701.81
Museum Endowment	28,232.44			1,976.27		1,976.27	1,976.27	I & E A/c.			28,232.44	28,232.44
Pond Cheeseman Bequest — Commemoration Prize	290.00	165.37		20.30		20.30			185.67		290.00	475.67
Sir Carr-ick Robertson — Research	1,200.00	706.18		84.00		84.00			790.18		1,200.00	1,990.18
C. J. Shaw — Natural History and Ethnology Purchases	2,000.00	157.53		140.00		140.00			297.53		2,000.00	2,297.53
Edward Earle Vaile — Ethnology, Library	246,715.36	8,033.18		14,967.98	28,874.57	43,842.55	43,601.03	Vaile A/c. Appn. A/c.	8,274.70		246,536.80	254,811.50
Vaile Obsolescence Fund	21,438.76			1,500.71	400.00	1,900.71	178.56				23,339.47	23,339.47
Bertha Wilson — Cinematography	4,000.00	3,266.36		280.00		280.00			3,546.36		4,000.00	7,546.36
Bertha Wilson — Photography	2,000.00	327.05		140.00		140.00	409.90	Appn. A/c.	57.15		2,000.00	2,057.15
	319,969.72		15,554.43	20,095.78	29,274.57	49,370.35	46,522.88			16,509.18	321,862.44	338,371.62
GENERAL ENDOWMENTS												
General Endowment	1,000.00			70.00	2,100.00	2,170.00	70.00	I & E A/c.			3,100.00	3,100.00
Eleanor L. Hellaby Bequest	10,141.10			709.88		709.88	709.88	I & E A/c.			10,141.10	10,141.10
Rose B. Hellaby Bequest	2,000.00			140.00		140.00	140.00	I & E A/c.			2,000.00	2,000.00
Houghton Bequest	600.19			42.01		42.01	42.01	I & E A/c.			600.19	600.19
Life Members' Subscriptions	22,956.64			1,606.96	1,200.00	2,806.96	1,606.96	I & E A/c.			24,156.64	24,156.64
	36,697.93			2,568.85	3,300.00	5,868.85	2,568.85				39,997.93	39,997.93

RESERVES, GIFTS, GRANTS AND PROVISIONS										
Building Maintenance	32,457.83		2,272.05	10,000.00	12,272.05	3,216.00	I & E A/c.		41,513.88	41,513.88
Exhibition, Auckland's Environment —										
Sir John Logan Campbell Trust	5,000.00		350.00	15,000.00	15,350.00	3,097.55	Appn. A/c.		17,252.45	17,252.45
Local Authority Donations	—			1,831.66	1,831.66				1,831.66	1,831.66
Clinch — Photographic Equipment	189.68		13.28		13.28				202.96	202.96
Depreciation of Investments	1,399.67		97.98		97.98				1,497.65	1,497.65
Depreciation of Auditorium Assets	7,812.16		546.85	1,000.00	1,546.85				9,359.01	9,359.01
Depreciation of Coffee Lounge Assets	7,037.80		492.65	3,104.00	3,596.65				10,634.45	10,634.45
Depreciation of Shop Assets	7,952.64		556.68	1,473.00	2,029.68				9,982.32	9,982.32
Depreciation of Motor Vehicles	11,593.18		811.52	1,500.00	2,311.52				13,904.70	13,904.70
Educational Publications	3,589.08		251.24		251.24				3,840.32	3,840.32
Government Grants —										
Trav. Exhibitions Programme										
1976/77	3,915.14					1,399.07	I & E A/c.		2,516.07	2,516.07
Conservation Programme 1977/78				6,000.00	6,000.00	345.21	I & E A/c.		5,654.79	5,654.79
Administration of Antiquities Act	160.54			4,000.00	4,000.00	3,392.02	I & E A/c.		768.52	768.52
Horton — Geology	351.13		24.58		24.58				375.71	375.71
Leys — Ethnographic Specimens	991.39		69.40		69.40	275.00	Appn. A/c.		785.79	785.79
Members' Library Purposes Fund	493.91		34.57	1,736.75	1,771.32				2,265.23	2,265.23
Members' Specimen Purchase Fund				698.25	698.25				698.25	698.25
Memorial Halls	8,166.70		571.67	45.22	616.89				8,783.59	8,783.59
Nuffield Grant	1,632.23		114.25		114.25				1,746.48	1,746.48
Oceanographic Grant	98.69		6.91		6.91				105.60	105.60
Publications Reserve	25,390.86		1,777.36	5,378.84	7,155.20				32,547.06	32,547.06
Queen Elizabeth II Arts Council —										
Conservation Grant	450.00		31.50		31.50				481.50	481.50
Reserve for Building Additions	1,832.42		128.27		128.27				1,960.69	1,960.69
R. T. Sheppard Research Fund				500.00		500.00			—	—
Special Visitors' Fund	759.16		53.14		53.14				812.30	812.30
Specimen Purchase	1,111.23		77.78	3,000.00	3,077.78	3,929.82	Appn. A/c.		259.19	259.19
Specimen Purchase — Disney Fund	—			3,450.00	3,450.00	3,450.00	Appn. A/c.		—	—
Wheelchair Ramp —										
Auckland Savings Bank				4,000.00	4,000.00	4,000.00	Appn. A/c.		—	—
Mrs J. A. Crum	125.00		8.75		8.75	133.75	Appn. A/c.		—	—
Window Maintenance	10,851.15		759.58	15,000.00	15,759.58				26,610.73	26,610.73
Window Replacement Appeal Fund	47,927.43		3,354.92	14,787.16	18,142.08				66,069.51	66,069.51
Sir John Logan Campbell Trust —										
Restoration of stonework	10,918.00		764.26		764.26				11,682.26	11,682.26
	192,207.02		13,169.19	92,504.88	105,674.07	23,738.42			274,142.67	274,142.67

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(A summary of this account is included in the Statement of Trusts)

	1978 \$	1977 \$		1978 \$	1977 \$
Capital Expenditure —			Rents Received	28,875	25,359
Collections	7,212	6,280	Less Expense —		
Equipment	—	78	Commission	2,224	1,426
Furniture and Fittings	879	—	Insurance	749	749
Library	10,826	8,495	Rates	1,358	2,431
	18,917	14,854	Repairs and Maintenance	1,297	2,878
Archaeology —				5,628	7,484
Salary, Wages & Superannuation	14,815	11,332	Net Rents	23,247	17,875
Travelling and Field Expenses	2,261	1,491	Interest and Dividends —		
	17,076	12,823	Term Deposit, Bank of N.Z.	643	1,575
Legal Fee	80	300	Local Authority Stock	1,600	1,324
Transfer to Obsolescence Fund	400	400	N.Z. Government Stock	480	180
Interest on Obsolescence Fund	1,500	809	Trust Companies	11,523	10,146
	1,980	1,509	Dividends	722	662
				14,958	13,887
Balance carried down	8,275	8,033	Balance brought down	8,033	5,457
	\$46,248	\$37,219		\$46,248	\$37,219

ROLL OF HONORARY LIFE MEMBERS

	Elected
Ferdinand von Hochstetter, PH.D.	1868
Sir Cecil Leys	1931
H. E. Vaile, Esq.	1931
Captain G. A. Humphreys-Davies	1944
E. Earle Vaile, Esq., O.B.E.	1944
Professor H. W. Segar, M.A., F.R.S.N.Z.	1946
W. G. White, Esq.	1946
Sir Frank Mappin, Bart	1947
J. C. Rennie, Esq., LL.B.	1947
J. C. Entrican, Esq.	1948
Eruini Taipari, Esq.	1949
Sir Carrick Robertson, F.R.C.S.	1951
A. T. Pycroft, Esq.	1951
Sir James Gunson, C.M.G., C.B.E.	1955
Sir John Allum, C.B.E.	1960
M. K. Draffin, Esq., M.C., F.R.I.B.A.	1960
Sir Ernest Davis	1961
Sir William Goodfellow	1962
W. Calder MacKay, Esq., O.B.E., M.C.	1962
Sir Gilbert Archey, C.B.E., M.A., D.SC., F.R.S.N.Z.	1963
E. H. Rhodes, Esq, B.SC.	1963
Lucy Cranwell Smith, M.A., D.SC., F.L.S., F.R.S.N.Z.	1964
J. Seabrook, Esq., C.M.G., A.F.C.	1964
Professor L. H. Briggs, D.SC., D.PHIL., F.R.S.N.Z.	1965
W. B. Dixon Stroud, Esq.	1966
Rt. Hon. Sir Harold Barrowclough, K.C.M.G., C.B., D.S.O., M.C.	1967
C. E. Disney, Esq	1967
R. S. Milne, Esq.	1968
W. Taipari, Esq.	1968
Archbishop James M. Liston, C.M.G., D.D., HON.LL.D.	1970
K. B. Myers, Esq., M.B.E.	1971
A. U. Wells, Esq., C.B.E.	1972
A. W. B. Powell, HON. D.SC., F.R.S.N.Z.	1973
J. C. Fenton, Esq.	1975
E. G. Turbott, Esq., M.SC.	1975
T. E. Clark, Esq.,	1977
J. H. Rose, Esq., LL.B.	1977

Members of the Auckland Institute.

HONORARY LIFE MEMBERS

- | | |
|--|---|
| T. E. Clark, Esq. | J. C. Rennie, Esq., LL.B. |
| C. E. Disney, Esq. | J. H. Rose, Esq., LL.B. |
| J. C. Fenton, Esq. | J. Seabrook, Esq., C.M.G., A.F.C. |
| Sir William Mackay, O.B.E.,
M.C. | Mrs L. Cranwell Smith, M.A.,
D.Sc., F.L.S., F.R.S.N.Z. |
| R. S. Milne, Esq. | W. B. Dixon Stroud, Esq. |
| Sir Kenneth Myers, M.B.E. | W. Taipari, Esq. |
| Dr A. W. B. Powell, Hon.D.Sc.,
F.R.S.N.Z. | E. G. Turbott, Esq., Q.S.O., M.Sc. |

LIFE MEMBERS

- | | |
|---|---|
| Adams, G. E. | Bellingham, J. E. |
| Adams, L. | Belsham, L. R., B.A. |
| Afford, R. N. | Bennett, Rev. D. M. T. |
| Alexander, A. M. | Bielecki, R. L., M.Sc., Ph.D.,
F.R.S.N.Z. |
| Alexander, L. J. | Bierre, N. W., Dip.Arch.,
A.N.Z.I.A. |
| Alldritt, C. | Bishop, Miss Brenda, M.A.,
B.Com. |
| Allen, Mrs F. G. H. | Bishop, John J. |
| Allen, L. R., M.Sc., M.A., Ph.D. | Bishop, T. A., O.B.E., M.M., B.A. |
| Ambler, F. N., O.B.E. | Bishop, W. N. |
| Anderson, R. L. | Blackburn, Mrs Y. D. L. |
| Armstrong, R. W., M.A., Ph.D.,
M.P.H., M.R.S.H. | Bogle, Professor A. G., B.E.
(N.Z.), D. Phil.(Oxon.), C.Eng.,
F.I.E.E., M.N.Z.I.E. |
| Arthur, Mrs Nola V., N.Z.L.A.
Cert., A.N.Z.L.A., A.L.A.A. | Bonham, Professor D. G.,
O.B.E., M.A., M.B., B.Chir.
(Camb.), F.R.C.S., F.R.A.C.S.,
F.R.C.O.G. |
| Ash, Miss C., M.A. | Bonny, G. E. |
| Astley, F. Lloyd | Booth, C. H. |
| Atkinson, J. D., O.B.E.,
M.Agric.Sc., D.Sc., F.R.S.N.Z. | Bourke, Mrs N. J., Q.S.M., J.P. |
| Bach, C. R., E.D., B.Sc. | Bow, A. F. |
| Bach, Miss Elizabeth E. R. | Bowden, Dr. B. J. |
| Baker, D. H. | Bowling, Miss R. |
| Ball, Mrs J. E. M. | Boyd, R. A., E.D. |
| Bamford, Miss N. R., B.A. | Brake, Brian |
| Bannister, M. H. | Brehmer, K., B.A. |
| Barbarich, J. P. | Brett, Miss Marguerite |
| Barnes, J. R., B.D.S. | Brett, Miss Philippa |
| Barnfather, R. L. | Brialey, Miss F. M. G. |
| Bartlett, W. H. | Briggs, R. M., M.Sc., Ph.D. |
| Baskett, Dr. Noel | Briggs, Mrs S. M. |
| Batten, W. N., M.A., A.R.A.N.Z. | Broadfoot, Mrs R. M. |
| Batley, M. H., M.Sc., Ph.D. | Broadly, Miss A. H. |
| Beever, J. E., M.Sc.(Auck.), Ph.D.
(Leeds) | Brooker, S. G. M.Sc., Hon.
F.N.Z.I.C., Hon. F.I.F.S.T.
(N.Z.) |
| Beever, R. E., M.Sc.(Auck),
Ph.D.(Leeds) | Brooking, C. T., E.D., M.A.,
Dip.Ed. |
| Bell, E. A., B.Sc., B.E.,
A.M.I.C.E., F.N.Z.I.E.,
C.R.Ae.S. | |
| Bell, G. B., B.E., B.Sc., M.I.C.E.,
A.F.R.Ae.S. | |
| Bell, Mrs G. B., M.Sc. | |

AIM Ann Report 1977 to 1978

Brothers, Professor R. N., M.Sc.,
Ph.D., D.I.C.(Lond.), F.G.S.,
F.R.S.N.Z.
Brown, Arthur, A.C.A.
Brown, A. G.
Brown, D. F.
Brown, H., B.A.
Brown, Harvey St. C.
Brown, Mrs J., N.Z.L.A.Cte.
Brown, Mrs Judith C.
Brown, Julian
Brown, W. G.
Browne, W. E., B.Sc.
Buchanan, K. R., B.C.L.
Buddle, J. F.
Bull, Peter C., D.Sc.
Bunby, H. S.
Butcher, Miss R.
Byttiner, Mrs L. I.

Cairns, Dr. F. J.
Cambie, Professor, R.C., M.Sc.,
Ph.D., D.Sc., A.N.Z.I.C.
Campbell, N. J.
Campbell, Philip
Campbell, T.M., A.M.I.C.E.,
M.N.Z.I.E.
Campbell, W. M., M.A., Dip.Ed.
Candy, Miss L. S.
Canter-Visscher, Mrs E. E.
Carbutt, J. M., B.A., Dip.Ed.,
Dip.Tchg.
Carless, Miss Margaret E.
Carpenter, J. W. M.
Carr, Mrs B. A.
Cassie, U. V., M.A., Ph.D.
Caughey, Professor J. E., M.D.,
F.R.C.P.
Caughey, J. Stuart
Caughey, Mrs R. H.
Caughey, W. G.
Chambers, D. N.
Chambers, T. C., M.Sc.
Chandler, Mrs J. M.
Charlton, R. W., M.Sc., Dip.
Maths.(Lond.)
Cheesman, O. A., M.B.E.
Childs, Dr. T. D. C.
Chong, Mrs S. A.
Claffin, William H.
Clark, J. L., LL.B.,
Clarke, E. C.
Clerk, Miss M. T. B.
Close, R. C., M.Sc., Ph.D.
Colebrook, D.
Collins, Professor E. R., O.B.E.,
M.Sc., Ph.D., F.R.S.N.Z.
Colquhoun, J. A., B.D.S., Dip.Ed.
(Sydney), M.Phil.

Comber, Dr R. E. H., M.B.,
Ch.B., F.F.A.R.A.C.S.
Cooke, A. C.
Cooke, D. L.
Cooke, D. W. L.
Cooke, Mrs M. E.
Cooke, W. L.
Cooke, W. L., Jnr.
Cookson, F. G.
Coop, Dr H. V., F.R.C.S.(Eng.)
Corbett, Captain D. A., A.F.R.A.
& S.
Couldrey, H. W.
Craig, J. C.
Crockett, R. M., B.Com.
Crocombe, R. G.
Crompton, W. J.
Crookes, Miss M. W., M.A.
Cropper, P.
Cunningham, A. D.
Currie, Mrs R. H. J., M.Sc.

Dale, T. J.
Dalton, F. J.
Dare, P. H.
d'Auvergne, Mrs C. E. M.
Davis, Associate-Professor B. R.,
M.Sc., Ph.D.(N.Z.), D.Sc.,
D.Phil.(Oxon.), F.N.Z.I.C.
Davis, F. W., D.F.A.
de Courcy, N. M.
de Courcy, N. R.
Diamond, J. T.
Dickson, J. F. W., LL.B.
Dignan, Wing Commander P. B.,
R.A.F.
Dingley, G., M.Sc.
Dingley, Miss J., M.Sc.
Dixon, Miss A. Z.
Dixon, C. E., M.Sc., A.A.S.E.
Dixon, L. G.
Donald, Lady
Draffin, Rodney F., F.N.Z.I.A.
Dreadon, Dr Ross G., M.B.,
M.R.C.P.(Lond.), M.R.A.C.P.,
D.C.H.(Eng.)
Dugdale, J. S., B.Sc.
Duncan, Miss M., M.A.

Edgar, A. T., O.B.E., E.D.
Edgelow, Miss K. I.
Edwards, Professor J. S., M.Sc.,
Ph.D.(Cantab.), F.R.E.S.
Elder, Miss E.
Elliott, Ruth F., Ph.D.
Elwell, Mrs E. M., N.Z.R.N.,
Dip.N.
Ely, I. D.
Erwood, R. C., B.S.
Esson, Miss M. M., B.Sc.

AIM Ann Report 1977 to 1978

- Evans, Miss Enid A., B.A.,
A.L.A., F.N.Z.L.A.
Evans, Miss L. K.
Everton, E. H., A.C.A.
- Falla, Sir Robert, K.B.E., C.M.G.,
M.A., D.Sc., F.R.S.N.Z.
Fawcett, J. D., Ph.D., M.Sc.
Fenton, J.
Fenwick, Dr. G., F.R.A.C.S.
Ferguson, A. L.
Ferguson, A. R., B.Sc.(Hons.),
M.Sc., Ph.D., A.N.Z.I.C.
Firth, C. W., M.Sc., M.I.C.E.,
M.I.W.E., F.N.Z.I.E.
Firth, Jolyon R., F.C.A.
Firth, Sir Raymond, M.A., Ph.D.,
F.B.A.
Fisher, Miss E. E.
Fisher, V. F., M.A., F.M.A.N.Z.
Fitzgibbon, T. O., M.A.
Fitzpatrick, B. V., LL.B.
Fleming, Sir Charles, K.B.E.,
D.Sc., F.R.S., F.R.S.N.Z.
Fletcher, B.
Fletcher, Mrs M. M.
Forder, P. G.
Forster, B., LL.B., F.R.N.S.
Fowlds, M. G.
Freyberg, Mrs P. S., B.A.
- Galbraith, C. E.
Gallaher, P. J., B.Sc.
Garbely, Mrs M. K.
Gardner, C. le G.
Gardner, J. J. C.
Geddes, A. McK., Dip.Hort.
Gentles, J. A.
George, P.
Gilbert A.
Giles, E. T., M.Sc., Ph.D., D.I.C.,
F.R.E.S.
Gillman, Miss A. M.
Gleeson, N. M., E.D., B.D.S.
Gluckman, Dr L. K., M.D.,
M.A.N.Z.C.P., F.R.A.C.P.,
F.R.N.S.N.Z.
Goldie, A. A.
Goodey, J. H., M.Sc., A.N.Z.I.C.
M.C.
Graham, A. P., A.C.I.A.
Graham, Mrs M. F. S., M.A.
Gray, Miss N. J., B.A.
Griffiths, W. G., B.D.S.
Grimes, E., M.A.
Grimes, Ronald
Gunson, D. W.
- Haigh, S. B.
- Hall, Rev. Allen H., M.A. (N.Z.),
Dip.Tchg., M.A. (Qld.), Ph.D.
(Qld.).
Hall, Professor D. M.Sc., Ph.D.,
D.Sc., F.R.S.N.Z., F.N.Z.I.C.
Hall, Mrs M. A.
Hames, T. L., F.C.I.S., F.C.S.,
F.R.A.N.Z.
Hamilton, Miss I. M.
Hannken, P. B., M.Sc.
Hardy, D. C.
Hardy, Mrs Ann
Harper, Mrs K. R.
Harrington, H. J., Ph.D.
Hartnell, S. F.
Harvey, Mrs Z. L.
Hatch, E. D.
Hayes, D. C.
Hayman, L. T.
Hebbend, Mrs A. C., B.A.
Henley, B. R.
Henley, G. D.
Henley, J. C., D.C.M., E.D.
Hensen, R. C. H.
Hesketh, C. R., D.F.C., LL.B.
Hintz, O. S., C.M.G.
Hipkins, A. K.
Hitchcock, Mrs Jocelyn,
Dip.H.Sci.
Hitchens, L. W.
Hjorring, V. K., B.Sc.
Hole, Mrs G.
Hole, G. I., B.Arch., F.N.Z.I.A.
Holland, H. C., O.B.E., M.Sc.,
Ph.D.(Leeds), Hon. D.Sc.,
F.R.I.C., F.N.Z.I.C.
Holland, Mrs W.
Hollier, R. J.
Holt, Mrs J. H.
Hooker, O. L.
Hooton, Professor D. J., M.Sc.
(N.Z.), Ph.D.(Edin.), F.Inst.P.
Horner, Trevor J.
Horton, H. M., M.A.(Cantab.),
LL.B.
Hounsell, L.
Hovell, S. M.
Howlett, Mrs N.
Hughes, Lt-Colonel A. R.
Hughes, Dr Elizabeth, O.B.E.
Hunt, F. A. I.
Hunt, Miss F. I.
Hunter, Dr A. F., O.B.E.,
F.R.C.S., F.R.A.C.S.
Hunter, Mrs Joan
Hunter, L. O., A.M.I.E.E.
Hurrey, Miss M. L., B.A.
Hynes, M. F.
Hynes, Mrs P.

AIM Ann Report 1977 to 1978

Innes, C. B., F.R.C.S.
Irvine, A. A., B.A.
Izard, Miss A.

Jacks, H., M.Agr.Sc., Ph.D.,
D.Sc., Dip.Ed., Dip.For., Dip.
Admin.

Jackson, A. G., M.S.I.A., I.D.S.A.,
N.Z.S.I.D.

Jackson, G. W., F.R.G.S.

Jackson, J. R., B.Sc.

Jackson, P. D., B.Com.

Jackson, Dr. W. L. H., M.B.,
Ch.B., M.R.C.P.

James, J. W., M.Sc.(Hons.)

Jamieson, C. A.

Johnston, J. B., LL.B.

Johnston, Mrs M. G.

Jones, B. H., J.P.

Joyce, N. S., B.Agr.Sc.

Kawharu, Professor I. H., M.A.
(Cantab.), B.Sc., D.Phil.(Oxon).

Keam, Associate-Professor R. F.,
M.Sc., B.A.(Cantab.)

Kear, D., B.Sc., B.Sc.(Eng.),
Ph.D., A.R.S.M.

Kelliher, Lady

Kelliher, Sir Henry

Kelsey, O. J.

Kendall, R. J.

Kerkin, E. H.

Kibblewhite, Professor A. C.,
M.Sc.(N.Z.), Ph.D., D.I.C.
(Lond.), F.Inst.P.

King, G. G.

King, J. L.

Kingston, B. H., LL.B.

Kingston, J. R.

Kingston, Mrs J. R.

Kirk, W. D. A., C.Eng.,
M.I.Mar.E.

Kissin, Joseph

Knowing, J. E., M.B.E., B.Com.,
F.C.I.S.

Komsars, J.

Korman, H.

Kreielsheimer, Professor K. S.,
F.Inst.P., M.I.E.E., D.Eng.

Kuschel, G., M.Sc., Ph.D.

Lambert, G. S.

Lambert, H. C. A.

Lambert, Henry, F.N.Z.I.M.

Laurensen, Rev. G. I., C.B.E.

Lawson, S. A.

Laxon, W. A., LL.B.

Leith, Miss M. R.

Lennard, L. M.

Lennox-King, Commander J.

Le Quesne, Colin, J., M.Sc.

Le Quesne, Philip, M.Sc., Ph.D.

Leys, T. H.

Liggins, C. D., B.D.S.

Linzey, J. T.

Livingston, Miss J. S.

Lloyd, Miss C.

Lloyd, Miss O.

Longden, R. H.

Lowry, L.

Lucas, Cuthbert

Lucena, L., E.D., B.A.

Luckens, F. S. D., C.Eng.,
M.I.E.E., M.N.Z.I.E.

Luckens, Penelope A., Ph.D.

McCabe, Father P.

McCallum, W. F.

McCay, Rev. S. J. D., M.A.

McClelland, A. C., M.Sc.

McElroy, H. M.

McFarland, Miss M.

McGirr, R.

McGusty, Dr. V. W. T., C.M.G.,
O.B.E., M.B.

McKinnon, I. W., F.I.C.E.,
F.N.Z.I.E., J.P.

McPhail, Surgeon Captain E. S.,
C.B.E., V.R.D., R.N.Z.N.

Maasland, Paul

Maffey, N. A., A.C.A.

Mahon, R. B. G., LL.B.

Manchester, Mrs Lois Y.

Mappin, Miss L.

Marshall, A. C., M.Arch.
A.R.I.B.A., A.N.Z.I.A.

Martin, K. A.

Mason, A. P., M.Sc.

Massey, H. L.

Massey, Mrs Lorna M.

Matthews, Dr. J. D.

Matthews, Professor R. E. F.,
M.Sc., Ph.D., Sc.D., F.R.S.,
F.N.Z.I.C., F.R.S.N.Z.

Matthews, Mrs W. J.

May, Mrs B. M.

Maylor, R.

Mays, Mrs K.

Meikle, Mrs P. C., M.A., Dip.Ed.

Mercer, J. E.

Mill, F. D.

Millener, Professor L. H., M.Sc.,
Ph.D.

Millener, P. R., M.Sc.(Hons.)

Mills, A. L. F., A.C.A.

Minn, H. R., M.A., B.D., Ph.D.

AIM Ann Report 1977 to 1978

- Mitchelson, E. J.
 Mollard, Miss S. M.
 Monk, F., B.A., M.Com.
 Moore, P. Eisdell, M.B., Ch.B.,
 F.R.C.S., F.R.A.C.S., D.L.D.
 Moyle, Miss E. H., M.A., Dip.Ed.
 Moynihan, R.
 Muir, Brian D., B.A.
 Munro, J. N.
 Murdock, C. G.
 Murphy, Colonel W., C.B.E.,
 M.C.
 Myers, A. D.
- Nash, Dr M. D., M.B., Ch.B.,
 M.R.C.G.P.
 Nash, Mrs M.
 Natusch, Mrs Q. S.
 Newhook, Professor F. J., M.Sc.,
 Ph.D.
 Niccol, Miss N. T., B.A.
 Nicholls, G. A., M.Sc., Ph.D.,
 F.N.Z.I.C.
 Nicholson, C. F.
 Nicholson, Mrs I. E., M.Sc.
 Nolan, Miss B.
 Nugent, V. G.
- O'Loughlen, Miss R., B.A.
 Orford, Rt. Hon. Countess of
 Otway, Dr. W. F.
- Painter, Mrs Gilian, B.A., Dip.
 Ed.
 Parr, Mrs E. C., B.Sc.
 Paterson, Dr Andrew, M.B.,
 Ch.B.(N.Z.), M.R.C.G.P.
 Paterson, M. B., B.A.
 Paton, E., M.B.E
 Pegler, Russell J.
 Pendergrast, Professor J. G.,
 M.Sc., Ph.D., D.I.C.
 Penfold, Mrs V. B.
 Percy, Mrs Eleanor A., M.Sc.
 Percy, Professor J. H., B.Sc.,
 B.E.(N.Z.), Ph.D.(Camb.),
 F.N.Z.I.E.
 Perry, D. L., B.Com., F.C.I.S.,
 A.C.A.
 Peters, A. C., B.D.S.
 Peterson, A. R.
 Phillips, Lady
 Pierce, Rev. J. C., B.A.
 Plantey, P.
 Pollard, B. R.
 Porter, R. J. F.
 Prickett, Mrs J.
 Prins, H. C., B.D.S.(N.Z.)
 Pullar, Mrs E. M., B.A.
- Purdie, Dr. D. A.
 Purvis, Dr. G. S.
 Pycroft, L. T. J.
 Pycroft, R. T.
- Rains, Miss C. M.
 Ramsay, G. W., B.Sc., M.Sc.
 (Hons.), Ph.D.
 Rattenbury, Professor J. A.,
 M.A., Ph.D.
 Reece, E. E.
 Reed, Mrs Sylvia M.
 Revell, G. L.
 Richwhite, C. M.
 Ringer, Mrs A. M., B.Sc.
 Riordan, Dr Teresa P., M.B.,
 Ch.B., F.F.A.R.C.S.
 Rix-Trott, Mrs G.
 Robertson, Dr James W. B.
 Roberts, Miss D. J.
 Roberts, Dr. R. H.
 Roberts, R. V.
 Roberts, W. G.
 Robertson, Dr D. B., M.B.,
 B.S.(Melb.), F.R.C.S.(Eng.),
 F.R.A.C.S.
 Robertson, Ian B.
 Robertson, Lady
 Robertson, Mrs S. I. R.
 Robinson, Sir Dove-Myer
 Robinson, M. V.
 Robinson, Professor R. A., D.Sc.,
 Ph.D.
 Robinson, Miss Rose A.
 Roche, E. H., M.C., M.D.,
 F.R.A.C.P.
 Roscoe, Miss D. K. V.
 Ross, Mrs L. A. S.
 Ross, Mrs Ruth
 Ross-Lowe, W. H., M.B.E.
 Rowley, E. O.
 Rowntree, J. B., B.E., B.Sc.
 Roy, B.
 Rumsey, B. J.
 Rumsey, S. A.
 Russell, Mrs T. G.
- Salmon, E. P., O.B.E., J.P.,
 F.C.A., F.C.I.S.
 Salmond, Mrs Katharine
 Salmond, R. J.
 Sanderson, Mrs H., M.Sc.
 Sayes, Mrs P.
 Sayes, Miss S. A.
 Schischka, J. F. Y., M.B.E.
 V.R.D. and Clasp, B.Com.,
 F.C.A., F.C.I.S.
 Scholes, J. A.

AIM Ann Report 1977 to 1978

Scobie, R. A., M.A., F.M.A.N.Z.
 Scott, G. B.
 Scott, I. G., E.D.
 Scott, R. G.
 Seabrook, Mrs J.
 Searle, Professor E. J., D.Sc.
 Seelye, R. N., M.Sc., D.Phil.
 (Oxon.)
 Segedin, Barbara P., M.A., Ph.D.
 Segedin, Professor C. M., M.Sc.,
 Ph.D.
 Shadbolt, M.
 Sheppard, Professor E. A., M.A.,
 Sibson, R. B., M.A.
 Sibson, Mrs R. B.
 Simmonds, R. F. S.
 Skinner, P. M., C.Eng.,
 M.I.Mech.E.
 Smale, David
 Smart, W. E.
 Smith, R. C. K.
 Smith, Warwick
 Smith, Mrs Warwick
 Speakman, J. F.
 Speedy, Squire L.
 Spiller, D., Ph.D.
 Spragg, Mrs E. J., M.A.
 Spragg, R. F., E.D., B.Com.,
 A.C.A.
 Staveley, Dr J. M., O.B.E., M.C.,
 M.B., Ch.B.(N.Z.), F.R.C.P.
 (Edin.), F.R.A.C.(Path.)
 Steen, D. H., M.Com.
 Stein, P. A. S.
 Stein, P. F.
 Stein, T. V.
 Stephenson, A. B., M.Sc.
 Stevens, F. S., J.P., A.C.G.E.,
 F.N.Z.I.M.
 Stevens, L. J.
 Stevenson, A. G., M.A., B.Sc.
 Stevenson, Miss E. M.
 Stevenson, R. S.
 Stewart, Dr. J. H.
 Strevens, W. John, B.A., B.Com.,
 A.C.A.
 Stuart, Miss R.
 Summers, A.
 Sutcliffe, Mrs Olga M.
 Sylvester, R. A., M.A.

 Talbot, Mrs E. M. F.
 Talbot, Dr R. R.
 Tandy, A., D.C.M., M.M.,
 C.deG., C.deL., A.F.N.Z.I.M.
 Tandy, T. A., B.E. (Civil)
 Tattle, B. N., A.A.S.A., A.C.I.S.,
 A.C.A.

Taylor, Commander C. J., B.Sc.,
 R.N.Z.N.
 Taylor, F. C. D., B.Com.
 Taylor, F. J., Ph.D.
 Taylor, Miss L. I., M.P.S.
 Taylor, Dr M. J., M.A., D.Phil.
 (Oxon.), A.N.Z.I.C.
 Taylor, Dr R. M. S.
 Temm, Mrs Shirley
 Temple, Mrs Jessie M. W.
 Thercklesen, R. L.
 Thomas, P. W.
 Thomas, R. E.
 Thomas, S. W.
 Thompson, B. N.
 Thorburn, G. L.
 Tidswell, Mrs J. R.
 Tillsen, Mrs H. D.
 Titchener, Professor A. L., B.Sc.,
 B.E.(N.Z.), Sc.D.(M.I.T.),
 A.O.S.M., A.M.I.Mech.E.,
 M.N.Z.I.E., M.A.I.M.E., F.I.M.
 Trebilcock, Miss I. D.
 Trevarthen, C. B., M.Sc., Ph.D.
 Turbott, Mrs E. G., F.M.A.N.Z.
 Turnbull, L. P.
 Turner, R. J., B.E., C.Eng.,
 M.I.C.E., M.N.Z.I.E.

 Vaile, Christopher E.
 Vaile, Gordon
 Veal, Mrs K. J.
 Verry, R. B., A.C.A.
 Vethaak, C.

 Wagener, Mrs Lois
 Wain, Mrs C. E.
 Wallace, J. H., Q.C.
 Walls, S. D., J.P.
 Ward, D. L.
 Wardell, F. N.
 Warren, Dr A., B.A., M.B., Ch.B.,
 M.R.C.O.G.
 Warren, P. K.
 Warren, Dr P. S., M.B., Ch.B.
 Waters, Professor T. N. M.,
 M.Sc., Ph.D.(N.Z.), D.Sc.,
 A.N.Z.I.C.
 Watkins, Mrs Janet M.
 Watson, A. P. B., M.A.(Oxon.)
 Watt, J. C., M.Sc., D.Phil.,
 F.R.E.S.
 Webber, C. E. R.
 Weir, D. M., A.C.A., A.C.I.S.
 Weir, P. B., B.A., LL.B.
 Weston, G. C., B.Sc., M.A.
 (Oxon.)

AIM Ann Report 1977 to 1978

Whitcombe, Miss J. Noel
White, E. G.
White, G. R.
White, Mrs L. A.
Whitmore, D. F.
Whitney, W. Chisholm
Whittaker, J. M.
Whitwell, H. J., M.A., Dip.Ed.
Wickham, N. E.
Willan, R. C., M.Sc., A.R.A.D.
Williams, Mrs Pauline, B.Sc.
Willis, E. D.
Willmot, J. R., B.A., Dip. Ed.
Wilson, Mrs A. M.
Wilson, Lewis

Wilson, Therese B., A.C.I.S.
Wilson, W. Scott
Winstone, E. G.
Wise, K. A. J.
Wiseman, M. H.
Woodward, Dr. T. E.
Wordsworth, Mrs J.
Wright, Dr. D. J.
Wrigley, A., A.N.Z.I.M.
Wylie, D. S.
Wylie, Mrs E. A., Q.S.M., J.P.

Yock, R. A.
Young, Professor E. C., M.Sc.
(N.Z.), Ph.D.(Lond.)

MEMBERS

Abel, D. B.
Adair, Mrs Patricia A.
Adams, Rev. G. O., B.A., LL.B.,
L.Th.
Agnew, J.
Ai'olupotea, T.
Aitken, Miss M. D.
Alexander, C. J.
Alexander, Mrs M. W.
Algie, Mrs C. M.
Allchin, F. L., B.Arch.,
F.R.A.I.A., A.N.Z.I.A.
Allchin, Mrs Mary
Allen, H. R., B.A.(Syd.), Ph.D.
(A.N.U.)
Allman-Marchant, Miss M.
Amiatu, S.
Angus, W. M., J.P.
Annabell, A. R., M.A., Ph.D.
Annett, H. E., O.B.E., D.Sc.
(Lond.), F.R.I.C., F.N.Z.I.C.
Archdall, Mrs Rose I.
Arlington, S. C.
Armstrong, N. A.
Arnold, F.
Ashton, S. G.
Astley, L.
Aitchison, J. D., A.C.I.I.
Atkins, Mrs M.
Atkinson, Mrs E. M.
Atkinson, G. S., B.A., B.Sc.,
Dip.Ed.
Atkinson, Mrs Kathrine S.
Auburn, Dr W. S., M.D.
(Cologne), L.R.C.P.&S. (Edin.),
F.R.C.G.P.
Auckram, J. D.

Baber, Mrs J. T.
Baber, S.
Baigent, D. G.

Bailey, E.
Baldwin, A. D.
Ball, C. J.
Ball, R. A.
Ballantine, W. J., M.A., Ph.D.
(Lond.)
Ballantyne, D.
Ballara, Mrs A., M.A.
Barclay, D.
Barclay, R. W., A.C.A.
Barfoot, V. H., B.Sc.
Barnard, Mrs J. H.
Barnett, Mrs Pamela, B.A.
Barratt-Boyes, Sir Brian, K.B.E.,
M.B., Ch.M., F.R.C.S.,
F.R.A.C.S., F.R.S.N.Z.
Barrett, F.
Bartlett, E. L., LL.B.
Bartlett, P. J.
Barton, I. L., B.Sc.
Bateson, F. M., O.B.E., F.R.A.S.,
F.R.A.S.N.Z., F.A.A.A.S.
Batt, Dr A. L., B.A., M.B., Ch.B.,
Dip.Ed.
Baxter, Mrs E.
Bayley, Mrs J. M., B.Sc.
Bayliss, T. J.
Beachman, F. S.
Beadle, Professor P., M.N.Z.-
S.S.A., M.N.Z.S.I.D., M.F.I.M.,
F.R.S.A.
Beavis, Mrs. Dorothy J.
Beazley, M. J.
Beckett, W. G.
Beckham, A. J.
Bedford, Miss Jennifer J., B.Sc.
Beever, J., B.A., Dip.Ed.
Belgrave, M. P., B.Soc.Sc.
Bell, A. B., B.Sc.
Bell, A. F., B.Sc., A.N.Z.I.M.L.T.
Bell, Mrs A. Graham
Bell, Miss J.

AIM Ann Report 1977 to 1978

Bell, Mrs P. A.
Bennett, R. G., M.A., B.Com.,
A.C.A.
Bentley, R. M., M.A.M.S.E.C.T.
Beresford, G. D.
Bigelow, R. C.
Biggs, Professor B. G., M.A.,
Ph.D., F.R.S.N.Z.
Binney, D. H., D.F.A., N.Z.S.S.P.
Binney, Mrs J. M. C., M.A.
Bird, Miss J.
Birks, T. L.
Black, Mrs M. S.
Black, S., B.A.
Blackie, Mrs D. W.
Blackie, Flt-Lt. P. L.
Blake, Mrs E. L.
Blake-Palmer, Dr. G., E.D.,
M.R.C.S., L.R.C.P., D.P.M.,
F.A.N.Z.C.P.
Blazer-Koppius, E. A.
Bliss, R.
Blow, A. W.
Blumenfeld, Miss N., B.A.
Bodley, D. La M., M.A., Dip.Ed.,
Dip.Tchg.
Bogle, A., B.F.A.
Boileau, Professor I. E., M.A.
(Camb.), Ph.D.(Manc.), Dip.
T.P.(Lond.), M.T.P.I., F.A.P.I.,
M.N.Z.P.I.
Bollard, E. G., B.Sc., Ph.D.,
F.R.S.N.Z.
Bolt, P. A.
Bond, Mrs P.
Bond, T. T.
Bone, Mrs W. E.
Bonny, Mrs Stephanie
Boutell, Miss H.
Bowden, Mrs G. B. W.
Bowden, G. R.
Bowen, F. E.
Bowmaker, G. A., B.Sc., Ph.D.
(Sydney), M.N.Z.I.C.,
A.R.A.C.I.
Boyes, Mrs B.
Boyes, Miss P. M., M.P.S.
Boyle, Miss G. D., M.A.(Hons.)
Bracewell, J.
Bracey, I. G., A.R.E.I.N.Z.
Bradstock, C. A.
Braggins, J. E., M.Sc.
Brazendale, G., B.A.
Brenchley, Mrs D.
Brennan, H., M.A.
Brereton, D. A.
Brereton, Lt.-Commander W. H.,
M.B.E.
Brewer, N. H.

Brewin, Beryl I., D.Sc.
Brock, Miss J. G., B.A., Dip.
N.Z.L.S., A.N.Z.I.A.
Brook, F. J.
Brook, P. J., M.Sc., Ph.D.
Brook, Mrs Shirley D., M.Sc.
Brookes, Mrs Betty
Brooks, Miss S.
Brown, Professor D., Ph.D.,
F.R.S.N.Z.
Brown, Ms D. C., M.A.(Hons.),
Dip.N.Z.L.S.
Brown, E. S.
Brown, Mrs L. Vernon
Brown, Dr Stuart H., M.B., Ch.B.
Browne, J. C.
Browne, P. M., LL.B., S.M.,
Q.S.M.
Browne, Mrs P. M.
Brownlee, J. N., M.Sc., Ph.D.,
A.M.Inst.P., M.I.E.E.
Brundell, J. E., M.Sc., A.R.I.C.,
A.N.Z.I.C.
Buckley, M.
Buddle, J. P.,
Buddle, P. A.
Bull, Miss E. L.
Bull, Mrs M. E.
Bullen, Miss J. M., B.A.
Bulmer, Professor R. N. H.,
B.A.(Cantab.), Ph.D.
Bulmer, Mrs Susan E., M.A.
Burge, E. C.
Burgess, J. B.
Burnett, Mrs Beryl V.
Burns, A. R.
Burton, E. A., Dip.J.
Bush, Mrs E. G.
Butcher, Professor J. C., M.Sc.,
Ph.D.
Butterworth, W. L., LL.B.
Buttle, J. R.
Bycroft, Mrs R. H.
Cairns, N. A.
Cameron, J. S., F.G.A.
Campbell, E. W. F.
Campbell, I. G.
Cardon, Forrest
Carman, Professor J. B.
Carman, Mrs Mona F.
Carrier, S. J., M.Sc.
Carson, Mrs M. B.
Carter, Captain R. H.
Carter, Mrs R. H.
Cartwright, R. D., M.A.
Carver, H. M.
Cassels, R. J. S., B.A.
Cates, A.

AIM Ann Report 1977 to 1978

- Cathey, Kenneth
 Catley, Rev. A. B., M.A.,
 B.Sc.Agr., D.Th.
 Caughey, A. L.
 Caughey, Brian K.
 Caughey, Miss Joan
 Cernohorsky, Miss D. M.
 Cernohorsky, W. O., B.Arch.
 Chamberlain, E. E., D.Sc.,
 F.R.S.N.Z.
 Chandler, R. J. S.
 Chapman, Professor V. J., O.B.E.,
 M.A., Ph.D., F.L.S.
 Chappell, Mrs M. L.
 Chappell, N. C. L., B.A.
 Chisholm, Mrs O. V.
 Chisholm, Dr. Russell F., O.B.E.
 Christmas, A. W., O.B.E., F.C.A.
 Christopher, Miss J.
 Chunn, Mrs J. A.
 Clarihew, G. S., B.A., Dip.Ed.
 Clark, A. E. E., M.A.
 Clark, R., Ph.D.
 Clark, R. C., M.A.
 Clark, Mrs Shirley
 Clark, W. J. H., M.A.
 Clarke, A., B.Sc., Dip.Hort.Sc.
 Clayton, B. Neil
 Cleave, Mrs L. D.
 Clement, Mrs M. I.
 Codling, A. P., B.Sc.(Hons.)
 Cole, Miss Carole M.
 Colebrook, J. G.
 Coles, Miss Joan
 Collins, H. N.
 Collins, Mrs Susi R.
 Combes, R. E.
 Cometti, R. H.
 Comrie-Thomson, I., B.Sc.
 Condon, Mrs Christine, N.D.D.
 Connor, Dr O. J., M.B., Ch.B.,
 M.C.R.A.
 Cooke, D. C. D.
 Cooke, Mrs E. A., B.A.
 Cooper, D. E., M.Sc., M.N.Z.I.C.
 Cooper, J. A.
 Cooper, Miss K. M.
 Corban, B. P. N., M.A., LL.B.
 Cormack, Miss R.
 Cornish, J. M., B.H.Sc.
 Corry, N. M., B.Sc.
 Coster, Mrs H.
 Coster, J.
 Couch, Leonard
 Courtney, Mrs P. E.
 Cowley, Mrs Wanda, B.A.
 Cox, D. S., M.Com.
 Cox, E. Charles
 Cox, F. J., LL.B.
 Cox, Mrs Mary
 Craig, Horace A.
 Crawley, G. T.
 Cresswell, J. C. M.
 Crippen, J. W.
 Crockett, D. E.
 Croker, R., C.Eng.
 Cropper, J.
 Crosby, D. D.
 Crotty, P. H.
 Crown, R.
 Cumming, Mrs G. L., M.A.,
 F.L.A., A.N.Z.L.A., A.N.Z.I.A.
 Cutler, A. B.
 Dalton, A. H.
 Dansey, H. D. B., M.B.E.
 Darling, Miss A. G.
 Darling, Mrs Helen P.
 Darlow, W. B.
 Dart, M.Sc., D.I.C.(London),
 Dip.T.P.(Auck.), M.N.Z.P.I.,
 M.N.Z.I.S.
 Davenport, J. C.
 Davidson, Miss J. M., M.A.
 Davies, Mrs D. M.
 Davies, J.
 Davis, Mrs M. R.
 Davison, R. M., M.Sc., Ph.D.
 Davy, B.
 Davy, J. P.
 Dawson, G. F.
 de Berry, Dr. Alvin
 de Deckker, Dr P.
 Deed, C. V.
 Degenhardt, M., B.Arch.
 Degenhardt, Mrs M.
 de la Mare, Professor P. B. D.,
 M.Sc., Ph.D., D.Sc., F.N.Z.I.C.
 Delamore, A. R.
 de Lange, A. M.
 de Lange, Mrs A. M.
 de Vere, J. W.
 Devereux, I., M.Sc., Ph.D.
 Devonshire, C. W.
 Dickey, Mrs M., L.T.C.L.
 Disbrowe, Miss M. E.
 Doig, F., M.I.E.E., M.N.Z.I.E.
 Doole, Miss C.
 Dougherty, M. J., B.A.
 Downes, T. W.
 Downey, Miss D. M.
 Drake, G. W. J., B.A.(N.Z.),
 M.A.(Auck.), Ph.D.(Illinois)
 Dredge, P. S.
 Drewry, J. J., M.I.Mech.E.,
 M.N.Z.I.E.
 Drummond, Mrs L. R.
 Drummond, R.

AIM Ann Report 1977 to 1978

Duder, A. N., A.M.I.C.E.,
F.N.Z.I.E.
Duff, Mrs G.
Duffus, Miss A. R.
Dunn, D. C.
Dunningham, C. D. A.
Dunsheath, Miss A. E.
Dye, M. H., M.Sc., Ph.D.(Lond.)

Easdale, Mrs N. M.
Easther, Mrs S. M.
Eastop, Mrs G. M.
Eden, C. A.
Edwards, Mrs E. M.
Egan, Alistair
Eise, Miss I. G., M.B.E.
Eller, Mrs G. J.
Ellis, Mrs E., B.A.
Ellis, Mrs Elizabeth, D.F.A.
Ellis, R., A.R.C.A., R.B.A.
Ellis, S. L.
Emery, D.
Ennor, G. G., LL.B.
Ericksson, Mrs E.
Espinier, Miss E., M.A.
Everard, Mrs C. M.
Everton, Miss M. E., B.A.,
Dip.Tchg.
Everts, Mrs A. H., B.Sc.
Eyre, K. E. D., M.D., F.R.A.C.P.
Eyles, G.
Eyles, L., Ph.D.(Umist),
M.N.Z.I.C.

Fairfax, Lt.-Commander D. P.,
R.N.Z.N., M.A.
Farnell, A.
Farrelly, Miss I. A.
Farrelly, Associate-Professor R.
O., M.Sc., M.B., Ch.B.(N.Z.),
M.R.C.P.A.
Fenton, Rev. R. J., L.Th.
Fenton, E. L., B.Sc.(Hons.),
Ph.D.
Fenwick, R. C., B.E.(Hons.),
Ph.D.
Fergus, Miss G.
Ferguson, Miss Jan
Ferguson, Mrs J.
Ferguson, R. H. Lindo, F.R.C.S.
(Eng.), F.R.A.C.S.
Field, Mrs M. M. R.
Field, M. S.
Finn, A. R.
Fisher, Mrs M. E.
Fletcher, R., M.Sc.
Fletcher, R. H.
Flower, Miss L. T. H.
Fogarty, M. J., B.A.

Foley, Miss Diane
Foley, E. J.
Foote, D. C.
Foote, J. G., Dip.Arch.,
A.N.Z.I.A.
Ford, Mrs C. R.
Forder, Miss A.
Forder, Professor H. G., M.A.,
Hon. D.Sc., F.R.S.N.Z.
Forster, Miss L., B.Sc.
Foster, B. A., M.Sc., Ph.D.
Foster, Mrs J. M.
Fowler, Mrs C., B.A.
Fox, Lady, M. A., F.S.A.
Fox, E. O.
Fox, G. F., J.P., A.R.I.B.A.,
F.N.Z.I.A.
Frater, G. W.
Frater, J. N., B.Sc., B.Com.,
A.C.A.
Frater, Mrs Talwynne M.
Friend, D. A., B.D.S.
Frith, M. J., B.Sc., Dip.Opt.
Fry, P. R., M.Sc., Ph.D.
Fulljames, K. A.

Gabriel, Mrs L.
Galbreath, R. A., B.Sc.(Hons.),
Ph.D.
Gallagher, R. C., B.A.
Galley, P. L.
Gallie, P. N., A.C.A.
Gamble, W. R.
Gardner, Miss B.
Gardner, Mrs E. N.
Gardner, N. W.
Gardner, Dr R., B.Sc.(Hons.)
Garlick, Mrs R. T.
Gate, D. B.
Gaudin, Dr Howard J.
Geddes, H. McKail
Geddes, J. A., B.Sc.(N.Z.), B.Sc.
(Oxon.)
Gibbons, Miss N. C.
Gibbons, W. L. B.
Gibson, Mrs Jessie D.
Gibson, P. R. J., LL.B.
Gill, Dr Michael B., M.B., Ch.B.,
F.R.C.P.A.
Gillard, A. J., Dip.Urb.Val.
Gillespie, Mrs H.
Gillies, C. L., B.Agr.
Gillies, Miss M. D.
Gillman, F. A.
Glamuzina, Miss J., B.A.
Godbert, F. D., M.A.(Oxon.)
Gold, K. G.
Goldfinch, Mrs P. M.
Goldie, A.

AIM Ann Report 1977 to 1978

- Goldstone, S. D. I.
Goldwater, K., B.E.
Gooch, John G.
Goodfellow, T. Bruce, B.E.E.,
M.B.A.
Goodwin, A. J.
Goodwin, T.
Gorbey, K. C., B.A.
Gordon, R. E., Mech.E.,
A.M.I.M.I., M.I.E.
Gould, Mrs E. M., M.B.E.
Goulding, Miss J. H.
Graham, Mrs Joan
Graham, Mrs June
Graham, J. S., B.A.
Grant, Miss J. E.
Grant, M.
Grant-Mackie, J. A., M.Sc.
Granville, I., B.Sc.(Hons.)
Gray, Mrs E. E., M.A.
Green, Mrs E. A.
Green, Wing-Commander
H. M. S., R.A.F. (Retd.)
Green, Professor R. C., B.A.,
B.S., Ph.D.(Harv'd), F.A.A.A.,
F.R.S.N.Z.
Greenfield, R. J.
Gregory, C. F.
Greetham, Mrs M.
Griffiths, Mrs Elizabeth S.
Griffiths, G. S.
Grover, A.
Gunson, Mrs Elizabeth A. R.
- Hackshaw, Mrs F.
Haigh, F. H.
Halliwell, R. F.
Hames, Rev. E. W., M.A.
Hames, P. W.
Hamilton, Dr W. M., C.B.E.,
M.Agr.Sc., D.Sc., Hon.D.Sc.
N.D.H., F.N.Z.I.A.S.,
F.R.S.N.Z.
Hanlon, J. O.
Hanna, Dr. D. M.
Hanna, G. P.
Hanna, N. R., F.G.A.
Hanna, Mrs R. A.
Hansen, D., B.A.
Harcourt, I. K.
Hardwick-Smith, Miss Mary
Hargrave, Mrs C. K.
Harpur, Miss Y., B.A.
Harriman, K.
Harris, R. J.
Harrison, Percy
Harrison, Dr. W. R.
Hart, Mrs S. P.
Harvey, B. J.
- Harvey, Mrs C., B.Sc.
Hashimoto, G. M.
Hasler, Miss M. B.
Haslett, Mrs C. M.
Hawkins, Clifford W.
Hay, John
Hay, Miss M. C.
Hay, M. P.
Heap, D. J., B.A.
Heap, W. A.
Hedley, L. A.
Hellaby, F. R. A.
Heller, Paul P., D.Jur.(Vienna),
LL.M.(McGill), A.F.R.Ae.S.,
A.C.A.
Helm, R. M.
Helmores, Mrs L. R., B.Sc.,
A.T.C.L.
Hemus, B. C., B.E.
Hendry, C. B.
Herbert, W. J., M.A., Dip.Ed.
Heremia, P. J., B.A.
Hewlett, G.
Higgs, R. A.
Higgs, Mrs R. A.
Hill, J. E. G.
Hillas, Miss J., B.Sc.
Hine, Miss P. S.
Hingley, H.
Hinkes, A.
Hoadley, C. P., B.Arch.,
A.R.I.B.A., F.N.Z.I.A.
Hoadley, Mrs Gytha P.
Hoare, Mrs G.
Hoare, L. J.
Hodge, Miss C., B.A.
Hoffman, G. B.
Holland, Mrs M.
Hollier, D. W.
Holloway, Mrs K. M., M.A.
Hollyman, Professor K. J., M.A.,
D.U.(Paris)
Holway, Mrs L. F.
Hood, J. A.
Hooker, Brian
Hooper, A., M.A., Ph.D.(Harv'd)
Horn, J. K.
Horrocks, Mrs E. C., M.A.
Horrocks, J. A., E.D., A.C.A.,
F.N.Z.I.M.
Horrocks, J. B., M.C., LL.B.,
A.C.A.
Horrocks, Mrs S. B.
Horsburgh, Mrs M., B.A.
Howell, L., M.N.Z.I.E.
Howe, Mrs E. L., Dip.Ed., Dip.
H.Sc.
Hoy, J. M., M.Agr.Sc., D.Sc.

AIM Ann Report 1977 to 1978

Hoyle, Mrs P. J., M.A.(Hons.)
Huggins, Miss Winifred, B.E.M.
Hughes, Miss B. J., Dip.N.
Hughes, Lady
Hughes, Sir Rochford, K.C.B.,
C.B.E., A.F.C., F.R.Ae.S.,
R.A.F. (Retd.).
Humphries, J. P.
Hunia, Miss L., B.A., Dip.Tchg.
Hunt, Dr S. R., M.B., Ch.B.
(N.Z.)
Hunt, T. L., B.A.
Hunter, I., M.Sc., Dip.Clin.Psych.
Hunter, J. C., A.S.T.C.,
A.N.Z.I.C., A.R.A.C.I.
Hunter, J. J., B.Sc., Ph.D. (N.
Carolina), M.Sc.
Hunter, Mrs J. S., M.B.E., B.Sc.
Huntsman, Judith, B.A., Ph.D.
Hutchinson, C. P., Q.S.O., M.B.E.,
Q.C.
Hutchinson, W. N.
Hutton, Mrs D. M.
Hutton, P. B., A.C.A.
Hyde, J. Newton

Ibbertson, H. P.
Ihle, A. M.
Innes, Dr. Margaret
Insull, H. A. H., M.A.
Irvine, Miss F. M. J., M.A.
Irwin, G. J., M.A.
Izard, C. H., J.P.

Jackson, Mrs H.
Jackson, Mrs J.
Jackson, Mrs Joan
Jackson, J. K.
Jackson, K.
Jackson, R., D.G.A.
Jacobs, H. N.
Jenkins C. C.
Jenkins, C. F., Q.S.M., LL.B.
Jenkins, P. F., Ph.D.
Jenkins, T.
Jepson, J. D., B.Sc.
Jervis, D. H.
Johnston, Mrs B. V. M.
Johnston C.
Johnstone, I. M., M.Sc.
Jolly, R. G. W.
Jones, Lynette A., B.A.
Jones, R. J.
Jones, W. E. F.
Joseph, D. B., M.A.(Cantab.)

Kalaugher, E. D.
Kay, C. M., J.P.
Keene, Mrs Florence
Kelly, Miss F.
Kemp, R. D.
Kennaway, R. L.
Kennings, Mrs R. S.
Kernot, B.
Key, Miss B.
Keys, H. J.
Kidd, Z. R. W., M.A., L.T.C.L.,
Dip.Tchg.
King, A. P., LL.B.
King, D.
King, R.
Kingston, Mrs B. H.
Kinloch, Mrs Patricia J., B.A.
(Hons.)
Kinnear, J. S., B.D.S.
Kirker, Dr J. A.
Kitchen, N. J.
Kivi, Mrs W. B.
Klippel, Dr Augusta, M.B.,
Ch.B.(N.Z.)
Koning, Mrs Ailsa M.
Kopiar, Mrs P.
Kozegi, Miss Zsuzsa
Kronfeld, Mrs J. H.

Lahatte, J. A., B.Sc. (E.E.), LL.B.
Langholm, R.
La Roche, A. J., B.D.S.
Latch, C. W.
Laurenson, D. F., M.Sc.
Law, Mrs A.
Law, R.
Law, Robert G., B.E.
Lawler, I. T.
Laws, C. R., D.Sc., F.R.S.N.Z.
Laws, Miss J., B.Sc.
Leach, Mrs P.
Leader, John, B.A.(Cantab.),
Ph.D.(Bristol)
Leahy, Miss A., B.A.
Leaning, Mrs Faye E.
Leathem, Mrs J.
Lee, Miss C. A., B.A.
Lee, Miss J., B.A.
Le Grice, Dr Hylton, F.R.C.S.
(Eng.), F.R.A.C.S.
Le Pine, Miss Constance E.
Letcher, P. W.
Lethbridge, B. R., B.A.
Levy, Dr G.
Lewis, A. H.
Lewis, E. M.
Leyland, W. B.
Lichtenstein, H. J.

AIM Ann Report 1977 to 1978

- Liley, Sir William, K.C.M.G.,
B.Med.Sc., M.B., Ch.B., Ph.D.,
Dip.Obst., D.Sc., F.R.C.O.G.,
F.R.S.N.Z.
- Lillie, Professor A. R., M.A.,
Des Sc., F.R.S.N.Z.
- Lintott, F. G.
- Little, D.
- Llewellyn, Professor D. R., D.Sc.,
D.Phil., F.R.I.C., F.N.Z.I.C.
- Lloyd, R. C., B.Sc.
- Lockley, R. M.
- Longworth, J. F., M.Sc.
- Loudon, Miss A. L., C.B.E.,
M.A., F.R.S.A.
- Lowe, F. J.
- Luke, P. N.
- Lunn, Miss L. E.
- Lyne, Miss J. V.
- McCaw, J. B.
- McCoach, J. H., M.Sc., B.D.S.,
A.N.Z.I.C.
- McConnell, Dr W. F., M.B.,
Ch.B.
- McCormick, E. H.
- McCormick, J., B.A.
- McCulloch, Miss M. H., Dip.
H.Sc.
- McCurdie, Miss S. P.
- McDonald, D. H., B.Com., F.C.A.
- Macdonald, J. A., A.B., Ph.D.
- Macdonald, Mrs J. A., B.A.
- Macdonald, Miss N.
- Macdonald, Mrs W., M.A.
- McDougall, A. C., B.E.(Syd.)
- Macdougall, I. S.
- Macdougall, Dr Mavis, M.B.,
Ch.B., Dip.Ven.
- McEldowney, R. D.
- Macfarlane, Dr Alistair, M.B.,
Ch.B., F.R.A.C.S., F.R.C.O.G.
- Macfarlane, Mrs Prudence
- Macfarlane, Ross C., B.A.
- MacFarlane, Captain R. B.
- McGeorge, Mrs J. S., B.A.
- McGrath, J.
- McGregor, Mrs Valerie R.
- McGrevy, W. N., B.Sc.
- McHale, Mrs Glen
- McIsaac, H. M., A.C.A., A.C.I.S.,
A.N.Z.I.M.
- McKay, Miss J.
- McKenzie, H. R.
- McKinnon, I. D., B.Com.
- McLachlan, A. R., B.Arch.,
A.R.I.B.A., A.N.Z.I.A.
- McLaughlin, Miss A.
- McLean, M., M.A., Ph.D.
- McLeod, Miss E. R.
- McLeod, Kenneth H.
- McLeod, Miss M. L.
- McMillan, N. A. C., M.A.
- McNaughton, A. H., M.A., Ph.D.
- McNeill, B.
- McQuirk, D., B.A., Dip.Tchg.
- McWatt, B. R. P., B.A.
- Mace, H. T.
- Mack, G. D.
- Mackie, J. W.
- Macky, N. L., M.C., LL.B.
- Macky, Warwick
- Madden, I. B., M.A., LL.B.
- Maiden, C. J., M.E.(N.Z.),
D.Phil.(Oxon.)
- Maihi, Mrs T. A.
- Maine, J. A.
- Maitland, Mrs Janice E., M.A.
- Malcolm, J. P.
- Male, John G.
- Mangos, J. F., D.D.S.
- Manihera, R.
- Manning, Mrs G. A.
- Marbrook, B. A.
- Markham, G. W., B.Sc.
- Marks, G. S.
- Marks, Mrs Jill
- Marra, M. H.
- Marshall, Dr R. T., M.B.,
D.M.R.E.(Camb.)
- Martin, J. H., M.A.
- Martin, Miss Mary-Beth, Dip.F.A.
(Hons.)
- Martin, Mervyn
- Martin, N. A., Ph.D.
- Massey, Miss Anne, LL.M.
- Mathews, P.
- Maud, W. B.
- Maxted, Miss M.
- Maxted, Robert, B.E., C.ENG.,
F.I.E.E., F.Inst.P., F.I.E.S.
- Maxwell, Dr R. H.
- May, H. W.
- Meiklejohn, Miss S.
- Melding, Dr Pamela, M.B., Ch.B.,
F.F.A.R.C.S.
- Menzies, Mrs A. M.
- Menzies, J. M.
- Menzies, L. S.
- Merritt, Mrs R.
- Metcalfe, G. H.
- Methven, Dr R. J., M.B., Ch.B.,
M.R.N.Z.A.C.P.
- Meyer, Professor R. F., B.E.,
(N.Z.), Ph.D.(Manc.),
A.F.C.A.S.I., M.A.I.A.A.,
M.N.Z.I.E.

AIM Ann Report 1977 to 1978

Michie, Mrs E. G.
 Mihaljevic, J. M. J., B.A.
 Miller, H. R.
 Miller, K. M.
 Miller, N. C., B.Sc.
 Miller, Mrs Sybil
 Milne, Mrs Dorothy A.
 Milne, D. S., M.Sc.
 Minhinnick, Sir Gordon, K.B.E.
 Minturn, P., M.N.Z.I.D.
 Mirams, R. V., M.Sc., Ph.D.
 Mitchelson, Miss K. M.
 Moller, The Hon. Mr Justice
 Molloy, J. J., M.Sc., F.N.Z.I.C.
 Monteith, J. M.
 Moon, G. J. H., M.R.C.V.S.,
 M.A.C.V.Sc., A.R.P.S.,
 A.P.S.N.Z.
 Moor, S., M.D., F.F.R.
 Moorcroft, P.
 Moore, A. Eisdell, M.D.,
 F.R.C.S., F.R.A.C.S.
 Moore, Arthur R.
 Moosman, J. T. E.
 Morgan, Bruce
 Morgan, Mrs B. G., L.T.C.L.,
 T.T.C.
 Morgan, Mrs N. E.
 Morpeth, Mrs E.
 Morpeth, R. T., J.P.
 Morris, Mrs D. E., L.C.S.T.
 (London)
 Morris, Mrs N. M.
 Morrisby, E., B.A.(Hons.)
 Mortensen, P. E.
 Mortensen, P. W.
 Morton, Miss Dorothy
 Morton, Professor J. E., D.Sc.
 Mossong, Mrs Verna E.
 Mountford, G.
 Moustafa, Associate - Professor
 E., M.Sc.(Cairo), Ph.D.(Camb.)
 Mowbray, Professor N. A., B.E.
 (N.Z.), C.Eng., F.I.C.E.,
 F.N.Z.I.E.
 Moyle, R. M., M.A., Ph.D.,
 L.T.C.L.
 Mu, R. D.
 Muli'aumaseali'i, S., LL.B.
 (Hons.)
 Mullins, Mrs B. M.
 Munro, I. R.
 Munroe, F. D., M.A.
 Murdoch, Dr David, F.R.C.S.E.,
 F.R.A.C.S.
 Murray, R. Richmond, B.D.S.
 Mynott, William L.
 Nash, P.
 Nathan, L. D., O.B.E., M.A., J.P.

Nathan, P. A. N., M.A.
 Neal, Miss E. M.
 Neal, G. K.
 Nelson, Dr. D. F.
 Nevin, A. J.
 Nevin, Mrs Raewyn, L.G.S.M.
 (London), L.T.C.L.
 Newman, Dr J. L., Q.S.O.
 Newman, Mrs M.
 Newman, Miss M.
 Nichol, R., B.A.
 Nicholson, L. T. R.
 Nicholson, Mrs O. R.
 Nielsen, M.
 Nieukerke, Mrs Eunice O.,
 O.B.E.
 Nieukerke, K. H. P., Ph.D.
 (Hons.), M.Sc., B.E.
 Nightingale, T.
 Noble, Allan
 Noble, Miss J. M.
 Nolan, Mrs Joyce
 Norris, Mrs Margaret
 North, The Rt Hon. Sir Alfred,
 P.C., K.B.E., Q.C., LL.M.
 North, Lady
 North, B.
 North, Professor J. D. K., M.B.,
 Ch.B.(N.Z.), D.Phil.(Oxon.),
 F.R.C.P., F.R.A.C.P.
 North, Mrs J. D. K., B.H.Sc.
 North, Miss L. V., B.A., Dip.
 Tchg.
 Oatridge, G. F.
 Odell, Professor A. L., M.Sc.,
 Ph.D.(London), D.Sc., F.N.Z.I.C.
 O'Keefe, A. H., B.Com.
 Oliphant, D. J., LL.B.
 Oliphant, Mrs Rona
 Olsen, Miss C., B.A.
 Olsson, B. H., O.B.E., B.Sc.
 O'Meara, Mrs M. F.
 O'Neill, Miss Alma
 Oppenheim, R. S.
 Orbell, Miss M., M.A.
 Orchard, A. E., B.Sc.(Hons.),
 Ph.D.(Ade.)
 Ormerod, J. L., B.Sc.(Forestry)
 (Edin.)
 Osborne, Rev. J. H., M.A.
 Osborne, R. J., LL.B.(Hons.),
 M.I.L.R.(Cornell), J.S.D.(Cor-
 nell)
 Owen, Miss R. B., B.A.
 Paget, H., M.A.
 Palmer, A. D.
 Palmer, Mrs J. E. T.

AIM Ann Report 1977 to 1978

- Palmer, Dr. Mary S.
Parfitt, Miss S. M.
Parker, J. E.
Parkinson, G. L., B.A.
Parr, C. J., LL.B.
Parrington, A. H.
Parrish, A., J.P., F.R.E.I.N.Z.,
A.I.V.N.Z.
Paterson, Mrs B.
Paterson, E. B., M.C., F.A.C.I.S.,
F.I.M.H.
Paterson, Mrs I. M.
Patterson, C. J., B.Sc., B.E.
Pattison, M. A., M.B.E.
Payne, R. E.
Paynter, B.
Peachey, E. A.
Pearce, P. I.
Pearson, Dr W. H.
Peek, O. D.
Pegler, L. M.
Penfold, R. L.
Pennalligen, E.
Penniket, J. R.
Peka, B. T.
Percy, C. A.
Perkins, G. C., M.Sc.
Perks, I. R.
Perks, W. E.
Perrin, Miss P.
Perry, The Hon. Sir Clifford,
LL.M.
Pettit, Miss P. M., M.A., Dip.
Journ.
Phipps, I. D.
Pickmere, Mrs A. H.
Piggin, D. M.
Pinner, D. S., B.A., L.T.C.L.,
R.B.T.C. Cert., Dip.Tchg.
Platt, Miss O.
Platts, Miss U.
Porritt, J. O.
Potter, P. R. C., A.N.Z.I.M.,
M.Inst.M.
Powell, Dr G., M.B., Ch.B.(N.Z.),
F.R.C.S.E., F.R.A.C.S.
Powell, Mrs P. M. I.
Power, Mrs M. E.
Prentice, Mrs B., B.A.
Prentice, J. K.
Prescott, P. F., F.C.A., F.C.I.S.,
C.M.A., M.I.D.
Prince, Mrs C. W.
Print, J. M., M.A.
Pritchard, M. H.
Puch, F., A.M.I.Mech.E.
Purdie, M. D.
Purkis, J.
Purton, Miss B. J., B.A.
Puru, M.
- Quinn, J. R.
- Rainer, P. J., B.A.
Rainger, O. W.
Ralph, Professor R. K., M.Sc.,
Ph.D., D.Sc.(N.S.W.),
A.N.Z.I.C.
Ralph, Mrs T.
Ranby, A. B.
Raudkivi, Professor A. J., Dip.
Ing. (Civil), Ph.D., C.Eng.,
F.I.C.E., V.D.I., F.N.Z.I.E.
Rawlings, Mrs I.
Rawlinson, Miss Gloria
Rees, Dr R. G., B.Sc., B.(Med.)Sc.,
M.B., Ch.B.
Reeve, Dr A. M. F., M.B., Ch.B.
Reid, J. G. S., B.A., A.C.A.
Reid, W. D., B.Sc., Ph.D.
Rennie, Mrs Campbell
Rerd, Mrs C. A.
Reynolds, Mrs Sharon, B.A.
Reynolds, Mrs W.
Richards, J. F.
Ricketts, J., M.Sc.
Ricketts, Mrs Lorraine, F.T.C.L.
Ring, Dr. C. C.
Ringer, R. A. A.
Robb, Associate-Professor Joan,
M.Sc., Dip.Ag.
Robbins, Miss J. R.
Robbins, Miss M. R.
Roberton, Mrs A. L. C.
Robertson, B. S., B.Com., A.C.A.,
A.C.I.S.
Robertson, J. Carrick, M.A.
Robertson, J. H.
Robinson, D. E., M.Sc.
Robson, Miss D.
Roche, E. J., B.E., M.I.Mech.E.,
M.N.Z.I.E.
Rodewald, H. M.
Rogers, J., M.Sc., Ph.D.
(Cantab.), F.N.Z.I.C., M.A.I.-
M.E., M.Aust.I.M.M.
Rolinson, D. T. H., M.A.
Rosevear, Rev. W. J. W., M.A.,
M.Th.
Ross, M.
Ross, M. M.
Ross, Mrs S.
Ross, W. K., M.Sc., B.D.S.,
D.D.O.R.F.P.S.(Glas.),
D.Orth.R.C.S.(Eng.)
Rosser, Mrs Y.
Rothschild, L. D. B.
Rowe, D. K.
Rowe, Mrs Winifred
Rowell, G. H.

AIM Ann Report 1977 to 1978

Ruffell, W. L.
Rusden, Mrs E. M.
Russell, M. L.
Rutherford, Q. E.
Ryburn, Miss E. K., M.A.

Sagar, Mrs Dora J.
Sanders, J.
Sandman, J. McK., J.P.
Sang, R. F.
Sawyers, Mrs L. W.
Scale, Mrs M.
Scanlan, Mrs J. H.
Schofield, J. C., M.Sc.
Scopes, G. K.
Scott, Dr D. J., B.Med.Sci., M.B.,
Ch.B., M.R.C.P.(Lond.),
F.R.A.C.P.
Seagar, R. Phillip
Seath, A. J.
Seddon, Mrs M.
Segar, Miss E. C. M., B.Sc.
Senior, G. F., M.A., Dip.Ed.
Shaw, Miss W.
Shawcross, Mrs K. A.
Shepherd, B. F.
Shirley, P. W.
Shirres, Father Michael
Shores, K. D. T., B.E.
Shores, Mrs S.
Short, F. G.
Shrewsbury, Miss D. C.
Silao, M. E.
Simmons, Mrs Beverley A.
Simmons, D. R., M.A.
Simmons, Rev. E. R., S.T.L., B.A.
Simons, J. S.
Simons, Miss P.
Simons, Miss W.
Simpson, Frank A., M.A.
Simpson, Mrs W. M.
Sinclair, Professor J. D., M.D.,
B.Medic.Sc., F.R.A.C.P.
Sinclair, Professor K., M.A.,
Ph.D.
Sinclair, Sir Ronald, K.B.E.,
LL.M.
Sinclair, Lady
Singh, Pritam, Ph.D., Assoc.
IARI, B.Sc.(Hons.), F.E.S.I.
Sinton, Dr T. J., M.B., Ch.B.
Skelton, Mrs Michelle M. G.
Skinner, D. N. B., M.Sc., Ph.D.,
A.A.I.M.M.
Smith, D. R. K., B.E.(Met.),
M.Aust.I.M.M.
Smith, Mrs J.
Smith, M. G.
Smith, Malcolm G., B.Sc.,
A.N.Z.I.C.

Smith, Mrs Rose A.
Smith, R. A. J., O.B.E.
Smith, Stanley B.
Smout, G. R.
Smythe, K. G., B.A.(Hons.),
Dip.Ed.
Smythe, Sir Reginald, K.B.E.
Snelgar, A.
Sneyd, Mrs Catherine, B.A.
Sorenson, Dr. M. P. K.
Soutar, Mrs D.
Southern, Thomas P.
Southwick, L. H., Q.C., LL.B.
Spath, S.
Spence, W. A.
Spencer, H. M.
Spencer, Mrs M. L.
Spencer, Rev. P. M., M.A.
Sprong, H.
Stacpoole, J. M.
Stafford, D. M.
Staines, Mrs P. W.
Stanislaus, Sister M.
Stanton, A. McM., LL.B.
Stephens, Mrs J. M.
Stevens, Miss I. F.
Stevens, Mrs L. N.
Stevenson, L. B.
Stevenson, Mrs K. M., M.A.
Stewart, Miss A. M., B.Sc.
Stienstra, Mrs R. D.
Stillman, Mrs M. A.
Stoddart, R. J.
Stone, Associate-Professor
R. C. J., M.A.
Strachan, G., B.S.
Strang, D. N., F.R.G.S.
Strange, Miss M. G., B.Sc.
Stratton, O. E.
Stretton, Mrs J., B.A.
Stuart-Masters, Mrs D., N.Z.R.N.,
R.M.N.
Stubbing, Mrs E. M.
Sturm, T. L., M.A., Ph.D.(Leeds)
Sullivan, Mrs Agnes, M.A.
Sutcliffe, Mrs K. E.
Sutherland, O. R. W., B.Sc.
(Hons.), Ph.D.
Sutton, Mrs Evelyn M.
Swadling, Miss P.
Swanston, Dr C., M.B., Ch.B.,
D.O.M.S., F.R.A.C.S.
Swinburn, Dr P. F., M.D.S.,
F.D.S.R.C.S., F.R.A.C.D.S.
Swinton, A. D.

Tagg, A. M.
Talbot, Dr G. G., O.B.E.
Tamahori, Rev. J. T., B.A., L.Th.

AIM Ann Report 1977 to 1978

- Tandy, Mrs I. A., K.G.C.I.
 (Stockholm)
 Tangye, Mrs W. N.
 Tarlton, K. E.
 Tattersfield, J. N.
 Tattersfield, L. W.
 Tattersfield, Mrs M. P.
 Tattersfield, P. A.
 Tauroa, E. T. R., B.Agr.Sc.,
 Dip.Ed.
 Taylor, Mrs C.
 Taylor, D. M., B.Sc.
 Taylor, G., B.A.(Hons.)
 Taylor, John H., B.A.
 Taylor, P. W., Ph.D.
 Terrini, V. L., B.Arch.
 Thatcher, Mrs Evelyn
 Thom, D. A., F.I.C.E.,
 F.N.Z.I.E.
 Thomas, F., B.A.
 Thomas, H. T.
 Thomas, Dr. R. F.
 Thomas, R. N.
 Thomas, S. D., B.Sc.
 Thompson, C. W.
 Thompson, E. H., M.I.C.E.,
 M.N.Z.I.E.
 Thompson, Mrs F.
 Thompson, Mrs Isobel M.
 Thompson, M., M.A.
 Thompson, R. H.
 Thompson, T. E., B.Sc., C.Eng.,
 M.I.E.E., M.N.Z.I.E.
 Thomson, W.
 Thomson, W. Laird, M.B.E.,
 A.F.N.Z.I.M., J.P.
 Thorpy, F. T.
 Tilbury, Mrs I. S.
 Tisch, Mrs R. B.
 Todd, A. J.
 Tomkinson, G. B.
 Tong, S. W. W., C.B.E., LL.B.
 Topping, Dr. R. B.
 Townsend, A. H., M.A.
 Toy, Professor R. H., B.Arch.
 (N.Z.), Ph.D.(Dub.), A.R.I.B.A.,
 F.N.Z.I.A.
 Tredrea, S. R.
 Trevarthen, F. R.
 Trotman, Mrs R. C.
 Trotter, Mrs Colleen
 Tuck, J. G., B.Com.
 Turia, Miss M.
 Turkington, J.
 Turner, The Rt Hon Sir Alexan-
 der, K.B.E., M.A., LL.B., Hon.
 LL.D.
 Turner, A.
 Turner, Sir Harvey, C.B.E.
 Turner, J. B.
 Turney, T. A., M.Sc.
 Turtill, K. S., M.A.
 Ullrich, L. D.
 Upton, Mrs T.
 Vahry, D. H.
 Valentine, E. W., B.Agr.Sc.,
 D.I.C.
 Varshney, A., Mech.Eng.
 Vennell, C. W.
 von Sturmer, Mrs Ngaire L.
 Wakelin, H. L.
 Wakeman, L. E. R.
 Walker, Miss A. K.
 Walker, D. O., O.B.E., J.P.,
 B.Com.
 Walker, Miss E.
 Walker, Mrs E. D. P., O.B.E.
 Walker, G. W., M.N.Z.I.E.
 Walker, Mrs M. E.
 Wall, A. C. H.
 Wallace, C., B.A.
 Wallace, Miss J.
 Wallace, James H.
 Walmsley, A. G.
 Walton, A.
 Ward, Michael J.
 Warde, Mrs L. J.
 Warneford, Mrs N., M.A.
 Warren, T. P.
 Watkins, C. A.
 Watson, A. C.
 Watson, Miss B.
 Watson, Mrs Shirley
 Watt, A. H.
 Watt, Dr. J. S.
 Watts, R.
 Wayne, Mrs E. B.
 Wearing, C. H., B.Sc.(Hort. Sci.),
 Ph.D., D.I.C.
 Weatherley, D. J.
 Webb, Mrs Anne, LL.B.(Not-
 tingham)
 Webb, G. R.
 Webster, J. P.
 Wells, J. C.
 Wells, Mrs Caryl J.
 Wells, M. R.
 Wernham, A. J.
 West, Mrs F. L-G.
 West, Mrs Phyllis M.
 Westwood, G. B., A.C.A. A.C.I.S.
 Whale, H. A., M.Sc., Ph.D.
 (Camb.)
 Whaley, Owen G., M.A.

AIM Ann Report 1977 to 1978

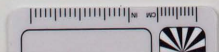
Wheldon, Mrs Z. Y.
Whenmouth, Mrs E. S.
Whenmouth, M. G.
White, Mrs D. P.
White, Lloyd W., B.A.
Whitehouse, Mrs A. M.
Whitehouse, Mrs T.
Whitelaw, Miss E. J. K., B.A.
Whittaker, Miss E., B.Sc.(Lond.)
Whitten, Rev. H. E.
Whitworth, L. J.
Whyte, Mrs J. D., M.Sc.(Hons.),
Dip. N.Z.L.S., A.N.Z.L.A.
Widdicombe, R. A., B.Arch.,
F.N.Z.I.A., A.R.I.B.A.
Wilcox, J. L., B.A., Dip.Tchg.
Wild, Professor A. A., B.Arch.
(N.Z.), F.N.Z.I.A., A.R.I.B.A.
Wilks, R. L.
Willan, R. C., M.Sc., A.R.A.D.
Williams, Miss L.
Williams, M., B.Sc.
Williams, P. L. B., B.E.
Williamson, K., B.E.
Willis, B. G.
Willmott, R., M.A., Dip.Ed.,
A.M.I.E.T.
Wilson, Associate-Professor, J.
D., M.B., Ch.B., Ph.D.,
F.R.A.C.P., F.R.C.P.A.
Wilson, M. G., M.A., Dip.Tchg.
Wilson, Miss Rona M., B.A.
Winchester, Mrs Olive
Winstone, B. R., B.E., M.N.Z.I.E.

Winstone, Miss E. A.
Winstone, Mrs Natalie
Witcombe, N. C.
Witehira, R.
Wood, A. A. W.
Wood, Mrs A. R., M.F.A.
Wood, Miss Barbara L., M.A.
Wood, H. F.
Wood, Mrs Suzanne, B.A.
Woodbury, J. E.
Woodyear-Smith, H., M.B.E.
Woodyear-Smith, Henry
Woollams, J. S., LL.B.
Wooller, E. C., E.D., J.P., M.A.
(Hons.), Dip.Ed., Dip.Journ.,
Adv.Dip.Tchg.
Woolloxall, J. L. D., B.A., M.Sc.
Worley, Rupert, M.C.
Worthy, Mrs Ida M.
Wright, G. A., M.Sc., D.Phil.
(Oxon.), A.N.Z.I.C.
Wright, Miss Margaret
Wright, R. S.
Wrightson, P., M.A., F.R.A.C.S.
Wynn-Williams, Miss O.
Wynyard, Miss E. A.

Yen, D. E., M.Agr.Sc.
Young, J. M., M.Sc.(Hons.), Ph.D.
Young, Mrs N. M.

Zambucka, Miss Kristin
Zimmerman, Mrs J.

AIM Ann Report
1977 to 1978



AIM Ann Report 1977 to 1978

AUCKLAND INSTITUTE AND MUSEUM

PRIVATE BAG, AUCKLAND 1.

Nomination For Membership

Miss

Mr.

I beg to nominate Mrs.

Dr.

Professor

(BLOCK LETTERS PLEASE)

Degrees and Awards

Postal Address

Signature of nominating member

Subscription, \$5, due 1st April, yearly.

Life Membership, \$40.

Members may, on written request and on payment of the sum charged by the Royal Society of New Zealand receive the Journal and Proceedings of the Royal Society of New Zealand.

The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year.

Money is urgently needed to widen its activities and increase its service to the community by the spread of knowledge among present and future citizens.

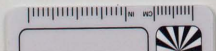
If additional help cannot be given now, a bequest would be of great value.

Form of Bequest.

I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of \$.....

free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

AIM Ann Report 1977 to 1978



AIM Ann Report
1977 to 1978

UNITY PRESS LTD
AUCKLAND

AIM Ann Report
1977 to 1978

